

Recent Year Topics are a must do for any exam. This is an effort to help you give a consolidated list of these topics for all 19 subjects. Special thanks to all contributors!!!

## Previous Year Topics – NEETPG & AIIMS (2018-2020)

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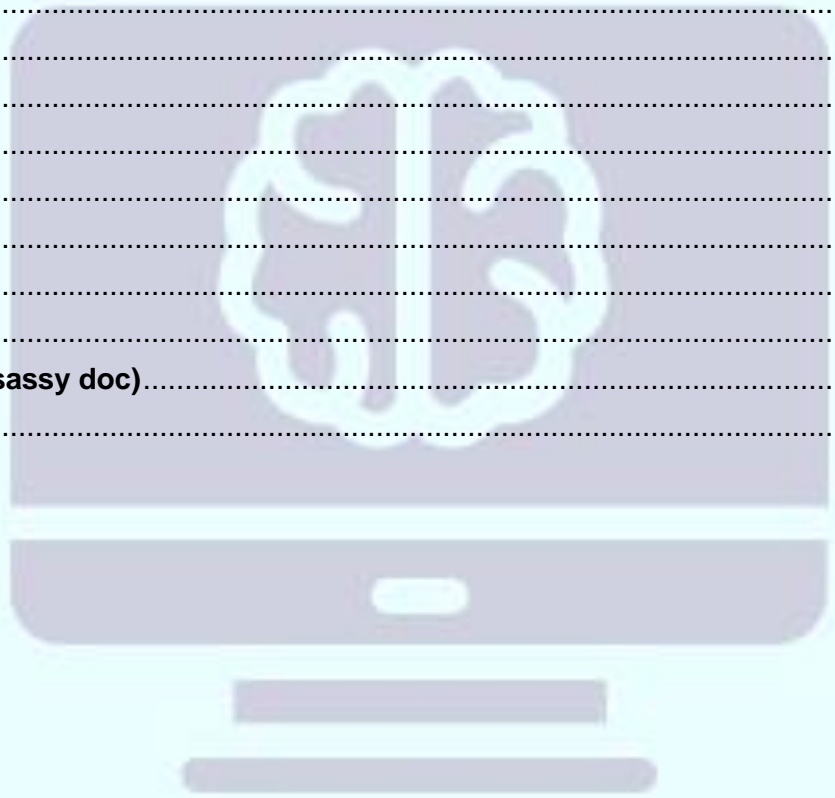
Telegram group – Dr. Nikita's Radsynapse

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DR. NIKITA'S



NEET PG RAD SYNAPSE

ANATOMY	MARROW (Dr.Rachana)	PREPLADDER/ DAMS (Dr. Deepthi Vakati)
HEAD AND NECK	1) Foramens of skull and nerves passing (NEET 2019) 2) Cerebellum blood supply (NEET 2020) 3) Cerebellum histology and nucleus (NEET 2020) (AIIMS 2018) 4) Lateral Pontine syndrome (NEET 2020) 5) Joints of axis & atlas (NEET 2019) 6) Projection fibres of internal capsule (NEET 2019) 7) Sagittal section of brain and parts identification (NEET 2019) 8) Skull fontanelle closure (NEET 2018) 9) Basal ganglia parts and identification (AIIMS 2020) 10) Pterion & related artery (AIIMS 2020) 11) Medial lemniscus (AIIMS 2020) 12) Fornix type of fibres (AIIMS 2020) 13) Cerebellar peduncle decussation (AIIMS 2020) 14) Extraocular muscles identification and nerve supply (AIIMS 2019) 15) Brodmann areas (AIIMS 2018) 16) Trigeminal nerve nucleus (AIIMS 2018) 17) Dura matter blood supply (AIIMS 2018) 18) Level of lymph nodes in neck (AIIMS 2018) 19) Neuroectoderm and neural crest cells derivatives (AIIMS 2017) 20) Mastication muscle's function & Identification	1.Cranial nerve nucleus, course and relations - trigeminal N (AIIMS 2018) Nucleus ambiguus (NEET 2018) Anatomical landmarks of facial nerve (NEET 2020) 2.Cranial bones and facial bone relations Pterion- landmark middle meningeal artery (AIIMS2020)(INICET2020) 3.Areas, blood supply and clinical correlation anterograde amnesia - hippocampus - ant choroidal A (AIIMS 2019) Paracentral lobule (AIIMS 2018) Internal capsule (AIIMS 2020) Lateral pons (NEET 2020) Ventromedial brainstem-Posterior Cerebral Artery (NEET2018) Posterior inferior cerebellar (AIIMS2020) Superior cerebellar (NEET 2020) 4.Foramens in skull Oculomotor nerve (AIIMS 2018, AIIMS 2019, INICET2020) Abducent N (AIIMS2017) ; Foramen rotundum (INICET2020) 5.Cadaver image- muscles of mastication (AIIMS 2017, AIIMS 2018) 6.Spaces of neck Pretracheal layer (AIIMS2020)(NEET2020) 7.Cerebellum cells and nucleus (AIIMS 2018, NEET 2020) 8.Superior cerebellar peduncle decussation occur at which level (AIIMS 2020) 9.Blood supply of thyroid (AIIMS 2018) 10.Spinal cord levels (AIIMS 2018) With clinical correlation (INICET 2020) 11.Fontanelles (NEET 2018)

	<p>(AIIMS 2017)  21) Pharyngeal arches &amp; its arteries derivatives (AIIMS 2017)  22) Thyroid gland and its attachments &amp; blood supply (NEET 2020) (AIIMS 2019)  23) Trapezius and levator scapulae (NEET 2020) (AIIMS 2018)  24) Larynx muscles actions (AIIMS 2019)  25) Carotid sheath and its contents (AIIMS 2020)  26) Investing layer of deep cervical fascia (AIIMS 2020)  27) Laryngeal skeleton (AIIMS 2020)</p>	<p>12. Atlanto-occipital, Atlanto-axial joints movements (NEET 2018)  13. Nerve supply to face- Clinical correlation  Greater auricular nerve (AIIMS 2019)  Cervical branch of facial nerve supply (AIIMS 2020)  Frey syn (NEET 2019)  14. Carotid sheath (AIIMS 2019)</p>
<b>UPPER LIMB</b>	<p>1) Anatomical snuff box (NEET 2020)  2) Hand muscles and actions (NEET 2020)  3) Popeye sign (NEET 2020)  4) Forearm muscles identification (NEET 2019)  5) Dermatome (NEET 2019)  6) De Quervain's tenosynovitis (NEET 2019)  7) Radial Nerve injury (AIIMS 2019)  8) Medial nerve identification in cubital fossa (AIIMS 2019)  9) Brachial plexus identification (AIIMS 2019)  10) Medial nerve and its injuries (AIIMS 2018)  11) Wrist joint bones (AIIMS 2018)  12) Ulnar nerve its course and injury (AIIMS 2017)  13) Scapula parts (AIIMS 2017)  14) Subclavian artery and its branches (AIIMS 2018)</p>	<p>1. Carpal bones relations and ossification (AIIMS 2017, AIIMS 2019)  2. Fractures and nerves affected - supracondylar - AIN (AIIMS 2018)  3. Wrist joint and age identification (AIIMS 2018, NEET 2020)  4. De Quervain's disease Muscles involved (NEET 2018) (NEET 2020)  5. Cadaveric image identification Brachioradialis (AIIMS 2019) (NEET 2019)  Lumbricals (NEET 2019)  Radial nerve (AIIMS 2019)  Ulnar nerve (AIIMS 2019)  Median nerve (AIIMS 2019)  Opponens pollicis (INICET 2020)  6. Cutaneous nerve supply of hand (NEET 2019)  7. Dorsal interossei, lumbricals action (AIIMS 2019, NEET 2020)  8. Movements at shoulder joint- muscles involved for different range (INICET 2020)  9. Abduction of the shoulder is carried out by C5 (INICET 2020)  10. Anatomical snuff box borders (NEET 2020)</p>
<b>LOWER LIMB</b>	<p>1) Foot drop (NEET 2019)  2) Femur muscle attachment and its actions (AIIMS 2019)</p>	<p>1) Nerve supply of leg (AIIMS 2018)  2) Muscles of inversion and eversion of foot (AIIMS 2018)</p>

	<p>(AIIMS 2020)  <b>3) Ischial spine and its relations (AIIMS 2019)</b>  <b>4) Neurovascular bundle in its compartments (AIIMS 2018)</b>  <b>5) Talocalcaneonavicular joint type (AIIMS 2017)</b>  <b>6) Hamstrings attachments (AIIMS 2017)</b>  <b>7) Menisci injury (AIIMS 2018)</b>  <b>8) Leg muscle actions (AIIMS 2018)</b>  <b>9) Femoral triangle relations (AIIMS 2017)</b></p>	<p><b>3) Muscle attached to the marked bone greater trochanter- gluteus medius(AIIMS2019)</b>  <b>Ischial spine - pudendal nerve block landmark</b>  <b>Gluteal tuberosity -gluteus maximus muscle (AIIMS 2019, AIIMS2020, INICET 2020)</b>  <b>4) Blood supply to thigh and relations (NEET 2020)</b></p>
<b>THORAX</b>	<p><b>1) Diaphragm openings (AIIMS 2019)</b>  <b>2) Lung and plura movements during inspiration (AIIMS 2020)</b>  <b>3) Coronary circulation (NEET 2019)</b>  <b>4) Surface marking of right atrium (AIIMS 2019)</b>  <b>5) Dermatome distribution (NEET 2019)</b>  <b>6) Sibsons fascia (NEET 2018)</b>  <b>7) Embryological Heart development (NEET 2018) (AIIMS 2020)</b>  <b>8) Pectoralis major actions (AIIMS 2020)</b>  <b>9) Radioulnar joint types (AIIMS 2020)</b>  <b>10) Cross section at T3, T4 level (AIIMS 2020)</b>  <b>11) Cut section of heart and identification (AIIMS 2019)</b>  <b>12) Breast cancer conspicuous sign (AIIMS 2018)</b>  <b>13) Brachiocephalic vein tributaries and its drainage (AIIMS 2018)</b></p>	<p><b>1) Trachea - extent, cartilages, length, diameter (jipmer2017, jipmer2018)</b>  <b>2) Openings and structures accompanying (AIIMS 2017)</b>  <b>3) Bronchopulmonary segments(JIPMER 2018)</b>  <b>4) Triangle of Koch(jipmer 2018)</b>  <b>5) Inter costal arteries and veins (AIIMS 2018)</b>  <b>6) Sibson's fascia (NEET 2018)</b>  <b>7) Surface marking of heart (AIIMS 2019)</b>  <b>8) Heart valve identification (AIIMS 2019)</b>  <b>9) Coronary circulation (AIIMS 2019)</b>  <b>10) Brachiocephalic vein tributaries(AIIMS 2018)</b></p>
<b>ABDOMEN</b>	<p><b>1) Pancreas relations (NEET 2020)</b>  <b>2) Coeliac trunk branches</b></p>	<p><b>1) Rectus sheath (jipmer 2017)</b>  <b>2) Blood supply of abdominal viscera(jipmer 2018)</b></p>

	<p>(NEET 2020)</p> <p>3) Lymphatic drainage (NEET 2020)</p> <p>4) Physiological hernia (NEET 2020)</p> <p>5) Calots triangle (NEET 2019)</p> <p>6) Dermatome umbilicus (NEET 2019)</p> <p>7) Cantle's line (AIIMS 2019)</p> <p>8) Ligaments derived from external oblique eponeurosis (NEET 2019)</p> <p>9) Prostate gland lobes (NEET 2019)</p> <p>10) Iliopubic tract (NEET 2018)</p> <p>11) Space of disse (AIIMS 2020)</p> <p>12) Couinauds classification (AIIMS 2019)</p> <p>13) Levator ani attachments (AIIMS 2019)</p> <p>14) Kidney relations (AIIMS 2019)</p> <p>15) Spine curves (AIIMS 2018)</p> <p>16) Lesser omentum, epiploic foramen (AIIMS 2018) (AIIMS 2017)</p>	<p>Common hepatic artery branches (NEET 2020)</p> <p>3) Relations in kidney (AIIMS 2019)</p> <p>4) Nerve supply of adrenal Gland (AIIMS 2018)</p> <p>5) Structures derived from embryological dorsal mesentery (NEET 2018)</p> <p>6) Couinaud's division based on portal vein (AIIMS 2019)</p> <p>7) Prominent cells at isthmus of gastric pits-stem cells (AIIMS 2020)</p>
<b>PELVIS &amp; INGUINAL REGION</b>	<p>1) Perineal spaces (AIIMS 2018)</p> <p>2) Pelvic diaphragm (AIIMS 2017)</p> <p>3) Cremasteric reflex (AIIMS 2017)</p> <p>4) Episiotomy muscles cut (AIIMS 2018)</p>	<p>1) Pelvic diaphragm (AIIMS 2017, AIIMS 2019)</p> <p>2) Lymph node drainage in pelvis (NEET 2020)</p> <p>3) Structures cut during episiotomy (AIIMS 2020, NEET 2020)</p>

NEET PG RAD SYNAPSE

<p><b>NEUROANATOMY</b></p>	<p>1) Brainstem syndromes (AIIMS 2020) (AIIMS 2018) (NEET 2020)                  2) Circle of willi (AIIMS 2018)                  Topics already included in HEAD &amp; NECK</p>	<p>1) Medial medullary syndrome (AIIMS 2019)                  2) Brocas and wernicke (NEET 2019)                  3) Webers syndrome (NEET 2018)                  4) Corpus callosum (N18, A20) papez circuit(AIIMS 2018)                  Fornix(NEET2019)-blood supply(AIIMS 2019)                  5) Grey rami/white rami (AIIMS2017)                  6) Root value of reflexes Cremastic R(AIIMS2017)                  7) Tracts and functions carried(AIIMS 2018)                  Dorsal column medial meniscal pathway (AIIMS 2020)                  8) Brown-Sequard syndrome (NEET 2018),                  9) Wallenberg syndrome (NEET 2018)                  10) Fibres in brain -projection, association,commisural (NEET 2018)</p>
<p><b>EMBRYOLOGY</b></p>	<p>1) Development of heart (AIIMS 2020)                  2) Pharyngeal arches derivates (AIIMS 2019) (NEET 2018)                  3) Mullerian duct and wolffian duct derivates (AIIMS 2017) (AIIMS 2018)                  4) Ovulation (AIIMS 2020)</p>	<p>1) Trophoblast gives rise to (jipmer 2017)                  2) Primitive streak develops from (jipmer 2017)                  3) Mesoderm derivates (jipmer 2017)                  4) Chiari network (jipmer 2018)                  5) Heart embrology(jipmer 2018), structures derived from (AIIMS 2020)                  6) Mesonephric duct derivatives(NEET 2018)                  7) Pharyngeal arch derivatives(NEET 2019,NEET 2020)                  8) Fetal circulation (NEET 2020)</p>

<p><b>HISTOLOGY and general anatomy</b></p>	<p>1) Layers of cerebellum (NEET 2020)  2) Elastic cartilage (NEET 2020)  3) Sebaceous gland (AIIMS 2017)  4) Salivary gland (NEET 2018)  5) Lymph node (AIIMS 2017)  6) Skin layers histology (AIIMS 2018)  7) Difference b/w exocrine pancreas from parotid gland (AIIMS 2020)  8) Ciliated epithelium (AIIMS 2020)  9) Types of joints (AIIMS 2017) (NEET 2020)</p>	<p>1. 1) Types of joints(AIIMS2017, NEET 2018)  Costotransverse joint (synovial)(NEET 2020)  2) Connective tissue types  Which type present where (AIIMS2017, AIIMS 2018, AIIMS 2018)  Histology image identification (AIIMS 2018, NEET 2020)  3) Cardiac muscle- zona occludens absent (AIIMS2017)  4) Histology  Skin (AIIMS 2017, AIIMS 2018, NEET 2018)  Transition epithelium (AIIMS 2020)  Lymphoid tissue -reticular fibres not found in thymus (INICET 2020)  Ciliated epithelium present in(INICET2020)  5) Electron microscopy of cell(AIIMS 2018)  6) Muscle electron microscopy parts identification (AIIMS 2018)  7) Types of muscles (NEET 2018)  8) Dermatome identification (NEET 2019)</p>
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NEET PG RAD SYNAPSE

PHYSIOLOGY	MARROW (The Sassy Doc)	PREPLADDER/ DAMS (Big Boss)
GENERAL PHYSIOLOGY	1) FEED FWD CONTROL SYSTEM (AIIMS 2019) 2) RMP 3) POISEUILLES LAW 4. HISTAMINE (AIIMS 2018) 5. DARROW YANNET DIAGRAM (AIIMS 2018) 6. MEASUREMENT OF BODY FLUIDS (AIIMS 2019) (AIIMS 2020) 7. GIBBS DONNAN EQUATION (AIIMS 2020) 8. HORMONE RECEPTORS (AIIMS 2020) 9. FEEDBACK MECHANISMS (AIIMS 2020) 10. AMINO ACIDS IN TRANSMEMBRANE RECEPTORS (AIIMS 2020) 11. INTEGRINS (AIIMS 2018) 12. cGMP (NEET 2018) 13. CONDUCTION VELOCITY OF NERVE FIBRES (NEET 2019) 14. SENSITIVITY OF DIFF TYPES OF NERVE FIBRES (NEET 2020)	1)No synthesis AA 2)Transport mechanism of glucose 3)skeletal muscle excitation and contraction coupling -(2times ) 4)Types of Hormone receptors -(3 times) 5)ECF and ICF calculation and tests used -(4 times ) 6)Intermediate Filaments -(2 times) 7)Feed forward mechanism -(2 times ) 8>Action potential graph and phases of Ap -(3 times ) 9)Hydrophilic,hydrophobic,amphiphilic proteins examples 10)Gibbs -Donnan equilibrium 11)2,3BPG curve
RESPIRATORY SYSTEM	1) O <sub>2</sub> CARRYING CAPACITY 2) PULMONARY COMPLIANCE 3) INSPIRATORY AND EXPIRATORY LOOP 4) BEZOLD JARISCH REFLEX 5. NERVOUS CONTROL OF RESPIRATION (AIIMS 2019) 6. LUNG VOLUMES & CAPACITIES (AIIMS	1)surfactant tests ,cells,lipids in surfactant 2)functional residual capacity definition 3)v/Q ratio -2 times 4)Respiratory centre mechanism -3 times 5)spirometry 6)respiratory quotient calculation 7)Fev1/Fvc increase decrease diseases 8)compliance curve of lungs

	<p>2019) (AIIMS 2020) (NEET 2019) 7. RESPIRATORY QUOTIENT (AIIMS 2020) 8. V/Q RATIO (NEET 2018) (NEET 2020)</p> <p>9. PHYSIOLOGY OF HIGH ALTITUDE (NEET 2020) 10. PHYSIOLOGY IN RDS (NEET 2020)</p>	
<b>MUSCLE PHYSIOLOGY</b>	<p>1) TETANIZATION (AIIMS 2020) 2) GOLGI TENDON REFLEX (AIIMS 2019) 3) TIGHT JUNCTION 4) ALPHA ACTININ 5. FEED STARVE MECHANISM (AIIMS 2018) 6. MUSCLE CONTRACTION CYCLE (AIIMS 2019) (AIIMS 2020) 7. SKELETAL MUSCLE DEPOLARIZATION (AIIMS 2020)</p>	
<b>NERVOUS SYSTEM</b>	<p>1. SYNAPSE (AIIMS 2018) 2. FIBRES OF CEREBELLUM (AIIMS 2018) 3. HOMUNCULUS (AIIMS 2018) 4. THIRST MECHANISM (AIIMS 2018) 5. OPTIC PATHWAY (AIIMS 2019) 6. GATE CONTROL MECHANISM (AIIMS 2020) 7. PROSOPAGNOSIA (NEET 2018) 8. DECORTICATE RIGIDITY (NEET 2019) 9. BROWN SEQUARD SYNDROME (NEET 2019) 10. LESION OF MEDIAL LEMNISCUS AT PONS</p>	<p>1)sleep cycle waves and stages -4 times 2)cerebellum pathway and cells -3 times 3)Nerve fibres classification-3 times 4)loss myelin deficiency diseases 5)Decerebrate posture 6)Brain Bridge reflex 7)Golgi function muscle -3times 8)Brown sequard syndrome 9)Receptor blockers in myesthenia gravis 10)Brocas phasia and wenikes area -4 times 11)Tetanizing capacity calculation 12)Gate control pathway -3 times 13)Weber fechner law 14)conductance of neuron graph 15)electrical and chemical synapse</p>

	<p>(NEET 2019)  <b>11. HERRINGTON CLASSIFICATION OF DECEREBRATE RIGIDITY (NEET 2019)</b>  <b>12. LESION IN WERNICKES HEMIANOPIC PUPIL (NEET 2020)</b>  <b>13. FUNCTIONAL AREAS OF INF FRONTAL GYRUS (NEET 2020)</b></p>	
<p><b>ENDOCRINOLOGY AND REPRODUCTIVE SYSTEM</b></p>		<p>1)testosterone secreted cells  2)insulin like growth factor  3)vit.b12 deficiency symptoms  4)c-peptide  5)aldosterone synthesis and stimulation factors-2 times  6)serum prolactin levels high at conditions  7)puberty hormones role</p>
<p><b>GIT</b></p>		<p>1)stomach-vitamins and it's place of absorption in stomach  2)enterogastric reflux  3)antegrade peristalsis  4)movement in part of gut  5)gastric hormones affect on pancreas</p>
<p><b>KIDNEY AND BODY FLUIDS</b></p>	<p>1) EFFERENT ARTERIOLAR CONSTRICTION  2. GFR (AIIMS 2018)  3. CREATININE CLEARANCE (AIIMS 2020)  4. MACULA Densa</p>	<p>1)Basement membrane -proteoglycans -2 times  2)aquaporin channel defects -2times  3)Tubulo glomerular feedback-2 times  4)counter current mechanism  5)lab reports ROME finding  6)Glomerular ultra filterate</p>

	<p>(AIIMS 2020)  <b>5. FILTERABILITY OF DEXTRAN (AIIMS 2020)</b>  <b>6. COUNTER CURRENT MECHANISM (NEET 2018)</b>  <b>7. KIDNEYS RESPONSE TO SHOCK (NEET 2018)</b>  <b>8. RENAL AUTOREGULATION (NEET 2019)</b>  <b>9. TUBULOGLOMERULAR FEEDBACK (NEET 2019)</b>  <b>10. GLOMERULAR BM PROTEINS (NEET 2020)</b></p>	<p>7)net filtration pressures -2 times  8)erythropoietin uses  9)creatinine calculation equations</p>
<b>CVS</b>	<p>1) 4TH HEART SOUND  2) WAVES OF JVP (AIIMS 2020) (NEET 2018) (NEET 2020)  3. BARORECEPTORS (AIIMS 2018) (AIIMS 2019)  4. PULSE PRESSURE (AIIMS 2020)  5. ENDOTHELIN (NEET 2018)  6. FETAL CIRCULATION (NEET 2020)</p>	<p>1)Peripheral chemoreceptors channels -Hypoxia  2)JVP waves -4 times  3)water hammer pulse  4)arterial wall compliance  5)ECG it's similar events  6)Baro receptor blood regulation -2 times  7)end systole volume</p>
<b>MISC.</b>	<p>1. NUCLEAR SIGNALLING PATHWAYS (NEET 2018)  2. EBB AND FLOW RESPONSE IN TRAUMA (NEET 2018)  3. BLOOD GROUPING (NEET 2019)  4. BLOOD STORAGE (NEET 2019) (NEET 2020)  5. CHANGE IN CLOTTING FACTORS IN PATIENT ON WARFARIN THERAPY (NEET 2020)  6. CPDA vs ACD IN BLOOD STORAGE (NEET 2020)</p>	<p>1)After trans sphenoid surgery required hormones  2)convergence phenomenon  Hemoglobin chain graph in invitro and after birth graph</p>

<b>BIOCHEMISTRY</b>	<b>MARROW (Dr.PREETI PRAKASH PRABHU)</b>	<b>PREPLADDER/ DAMS</b>
<b>CARBOHYDRATES</b>	<ol style="list-style-type: none"> <li>1. Anaplerotic reaction (A'17)</li> <li>2. Glycogen Storage Dis - Von Gierke (A17), Mc Ardle (A18)</li> <li>3. Rothera's test (A17)</li> <li>4. Glycogen phosphorylase co enzyme PLP (A17)</li> <li>5. Glucosamines used in arthritis (A17), structure (A20)</li> <li>6. How many ATPs for aerobic and anaerobic metabolism of glycogen (A17)</li> <li>7. Enzymes High Insulin/Glucagon ratio (A17), Fasting enzymes (A18) (N20)</li> <li>8. Inhibitors of metabolic pathways (A18)</li> <li>9. Type 1 DM Changes (A18), Ketosis in T1DM (A20)</li> <li>10. Respiratory quotient (A18)</li> <li>11. Structure of insulin (A19)</li> <li>12. Glucose stored as glycogen because (A20)</li> <li>13. Glycolysis and GNG (A20)</li> <li>14. Galactosemia (N18)</li> <li>15. TCA (N19)</li> </ol>	<ol style="list-style-type: none"> <li>1.enzyme activity in fasting nd fed state regulation(AIIMS18)</li> <li>2 glycogen storage disorder(A18).</li> <li>3.Enzyme inhibitor of TCA cycle(A18)</li> <li>4.Mucopolysaccharidosis(A18).</li> <li>5.insulin and glucagon regulation and enzyme activity regulation in fed and fasting state(A18). 6.respiratory quotient(A18)</li> <li>7.during exercise rapid way to synthesize atp(A18).</li> <li>8.transport of glucose(A18).</li> <li>9. enzyme regulation in diabetes nd fed state(A18).</li> <li>10.insulin structure and linkages(A19).</li> <li>10.tc intermediates uses(A19)</li> <li>11.Proteoglycan(A19)</li> <li>12. Glycoprotein( A19).</li> <li>13. glycolysis nd neoglucogenesis common enzyme(A20).</li> <li>14. glycogen (A20)</li> <li>15. GAG structure(A20)</li> <li>16. G6pd def(A20)</li> <li>17.Neoglucogenesis (A20)</li> <li>18. RQ ( A20)</li> <li>19.Thermogeniceffect (A20)</li> <li>20. galactosemia (N18)</li> <li>21.dietary fibre ( N 19)</li> <li>22. Tca cycle(N 19)</li> <li>23. Cytosolic nadph ( N 19)</li> <li>24 .enzyme regulation by insulin nd glucagon( N20)</li> <li>25.proteoglycan( n 20)</li> </ol>
<b>AMINO ACID AND PROTEINS</b>	<ol style="list-style-type: none"> <li>1. High energy food / Thermogenic food(A'17)</li> <li>2. Post and Co Translational</li> </ol>	<ol style="list-style-type: none"> <li>1.km calculation.(A18)</li> <li>2.collagen types(A18).</li> <li>3phenylketonuria(A18).</li> <li>4 investigation for metabolic</li> </ol>

	<p>modification -  <b>Selenocysteine (A17)</b>  <b>3. Different bonds in protein structure (A17), structure (N20)</b>  <b>4. Role of Phenylbutyrate in Urea cycle defect (A17), defect (A19) (N19)</b>  <b>5. Collagen types (A18)</b>  <b>6. IEM PKU (A18), Alkaptonuria (N20)</b>  <b>7. Niacin - tryptophan def (A19), (N18), (N20), B3toxicity (N20)</b>  <b>8. Homologous replacement of AA (A19)</b>  <b>9. Proteoglycans (A19)</b>  <b>10. Glycoprotein and function (A19)</b>  <b>11. Ammonia clearance (A20)</b>  <b>12. Fibrinogen structure (N18)</b>  <b>13. Serotonin (N18)</b>  <b>14. Cystinuria, Tyrosinemia (N18), ALbinism (N19),</b>  <b>15. Fishy odour Trimethylaminuria (N18)</b>  <b>16. VMA (N18)</b>  <b>17. Chaperones (N18)</b>  <b>18. Amino acid derivatives (N19)</b>  <b>19. Achondroplasia (N19)</b>  <b>20. Menke's Kinky Hair (N19), Wilson's disease (N19)</b>  <b>21. Arginine (N19), NO (N20)</b>  <b>22. Proteosomes (N20)</b>  <b>23. UV Absorbance of proteins (N20)</b></p>	<p><b>disorder(A18).</b>  <b>5chromatography types and its application (A18).</b>  <b>6Non competitive antagonism(A18).</b>  <b>7.Urea cycle(A19).</b>  <b>8 amino acid charges(A19).</b>  <b>9 pellagra(A19)</b>  <b>10.ammonia detoxification (A20)</b>  <b>11.b12 dependent enzyme in amino acid metabolism(A20)</b>  <b>12 arginine(N18)</b>  <b>13 fibrinopeptide A and b (N18)</b>  <b>14 cystinuria(N18)</b>  <b>15 pku (N18)</b>  <b>16 serotonin(N 18)</b>  <b>17 tyrosinosis ( N18)</b>  <b>18 fish odour syndrome( N 18)</b>  <b>19 catecholamine metabolism( N 18)</b>  <b>20.methioine uses( N 19)</b>  <b>21 arginine products ( N 19)</b>  <b>22plasma proteins synthesis( N 19)</b>  <b>23 urea cycle ( N 19)</b>  <b>24 pellagra( N20)</b>  <b>25.uv absorption of amino acid(N20)</b>  <b>26</b></p>
<p><b>LIPIDS</b></p>	<p><b>1. Zellweger syndrome (A18) (A19) (N19)</b>  <b>2. CHolesterol synthesis (A20)</b>  <b>3. Fatty acid synthesis (N18)</b>  <b>4. Dyslipidemia (N19)</b></p>	<p><b>1.zellweger syndrome(A18)</b>  <b>2.cholesterol synthesis(A20)</b>  <b>3 vitamin d synthesis(A20)</b>  <b>4 ketone body (A20)</b>  <b>5 Fa synthesis ( n 18)</b>  <b>6 zellweger ( N 19)</b>  <b>7 lcat deficiency ( N 19)</b></p>

		8 cholesterol in gall stone( N 19) 9.lipoproteinlipase def ( N 19) 10.decosahexaenoicacid ( N 19) 11apolipoprotein ( N 19 ) 12 hyper lipoproteinemia ( N 19) 13 phospholipids ( n 20) 14 apo b 48
<b>ENZYMES AND PORPHYRINS</b>	1. Calculation enzyme kinetics (A18) 2. Buffering - Titration curve (A19) 3.Catalytics efficiency (A19) 4.Enzyme reaction catalysis (A20) 5. Highest catalytic efficiency (A20) 6. Allosteric modification (N18) 7. LDH Isoforms (N18) 8. Non comp inhibition (N20)	1.molarity and normality(A20). 2. catalytic efficiency ( A20) 3. free energy change in reaction graph 4. liver enzymes( N 20) 5. Ldh nd its clinical significance (N 18) 6. ribozyme( N 19)
<b>CLINICAL BIOCHEM AND NUTRITION</b>	1. Iron metabolism (A17) (A18) 2. TPP function (A17) 3. ALA Dehydratase Lead posioning (A17) 4. Selenium toxicity - Alkali disease of livestock(A18) 5. HbA1c measurement (A18) 6. Method to screen IEM (A18) 7. Vit K enzymes (A18) (A20) (N18) 8. Vit B deficiency (A18) (A19) B12 (A20) (N20) 9. Vit C not produced in humans (A18) 10. Biotin (A19), Folate (N20) 11. Heme metabolism (A19) 12. Problem on calories of various (A20) 13. Vit D synthesis (A20) 14. FDA of all (A20)	1.vitamin c pathway(A18). 2. vitamin k regeneration.(A18) 3. gamma ggt nd its application(A18). 4.B1 deficiency (A19) 5.biotin(A 19). 6.iron metabolism (A19). 7. hepcidin(A19). 8. pyridoxine(A20) 9. dicumarol(A20) 10.vitamin b 12 deficiency 11.vitamin k ( N 18) 12. vitamin A(neet 18) 13. menke disease( N 19) 14. wilson ( N 19) 15. vitamin A ( N 19) 16. vitamin b 1 ( N 19) 17. collagen types ( N 19) 18. vitamin b 12 ( N 20)

	<p>15. Reducing equivalents (N19)</p> <p>16. Van Der Berg Rn (N20)</p>	
<b>GENETICS</b>	<p>1. Mitochondrial DNA (A17)</p> <p>2. Klenow fragment (A17) (A18)</p> <p>3. SCID - Type of DNA repair defect (A17)</p> <p>4. Identifying the restriction endonuclease segment (A17), REN (A19)</p> <p>5. Epigenetics (A17) (N18) CpG islands(A18)</p> <p>6. 5' capping (A18)</p> <p>7. Blue White Assay (A18)</p> <p>8. Quantifying DNA RNA Protein techniques (A18)</p> <p>9. RNA editing (A19)</p> <p>10. Chimeric DNA (A19)</p> <p>11. Mutation in SCA (A19)</p> <p>12. CRISPR Cas9 (A19)</p> <p>13. Post transcriptional modification (A19)</p> <p>14. Hayflick limit (A20)</p> <p>15. DNA Methylation (A20)</p> <p>16. PCR (A20)</p> <p>17. Telomerase (A20)</p> <p>18. Splicing (A20), Apo B48 editing (N20)</p> <p>19. Prokaryotic polymerase (N18)</p> <p>20. Mitochondrial inheritance (N19)</p> <p>21. Chargaffs rule (N20)</p>	<p>1. Klenow fragment.(A18).</p> <p>2. Rtpcr(A18)</p> <p>3. 5'capping(A18).</p> <p>4. CpG island(A18).</p> <p>5. lac operon complementation image(A18).</p> <p>6. blotting technique(A18).</p> <p>7. direction of different genetic process(A19).</p> <p>8. chimeric dna(A19)</p> <p>9. central dogma(A19).</p> <p>10. mitochondrial inheritance(A19)</p> <p>10. restriction endonuclease(A19).</p> <p>11. Crispr cas9 ( A19)</p> <p>12. shine dalgarno sequence ( A19)</p> <p>13. dna methylation ( A20)</p> <p>14. hay flick limit(A20)15 pcr (A20)</p> <p>16. dna methylation(A20)</p> <p>17. transduction ( N 18)</p> <p>18. Dna pol 1( N 18)</p> <p>19. Dna pol 3 ( N 18)</p> <p>20. lysch nyhan (N 18)</p> <p>21. mitochondrial dna ( N 19)</p> <p>22. werner syndrome( N 20)</p> <p>23. thymine nd cytosine calculation ( N 20)</p>

# DR. NIKITA'S



PATHOLOGY	MARROW (Dr.Apoorva )	PREPLADDER (Dr. Pooja)
<p><b>GENERAL PATH</b></p>	<p><b>NEET 2020</b>            1.interleukin            2.kawasaki disease            3.thrombosis            4.dna repair disorder(werner syndrome)            5.metaplasia            6.isograft</p> <p><b>AIIMS 2020 -</b>            1. METALLOSIS (PIGMENTS)            2.STEM CELLS PROPERTIES            3.LIQUID BASED CYTOLOGY            4.VACUTAINERS            5.PAP STAIN COMPOSITION            6.FIXATIVES TYPES</p>	<p><b>CELL INJURY</b>            1.apoptosis (A'18,19,20)            2.EMPERIPOLIESIS(A18)            3.inflammasome(A18)            4.Pathway of apoptosis(intrinsic and extrinsic)...(aiims18)            5.Irreversible cell injury light microscpic feature..(aiims19)            6.Types of Calcifications-atheromatous plaqueA19            7.apoptosis=caspase 9 binds to cyt c ana APAF1 complex(A19)            8.Werner syndrome=DNA helicase defect            9.Antibody dependent cellular cytotoxicity(ADCC)...aiims19</p> <p><b>INFLAMMATION</b>            1.Gamma delta T cell receptors ...aiims19,18            2.cytokines- basophils- IL3,5...aiims19            3.Anaphylactoid reaction A19</p>

	<p><b>Neet 19</b>  1. Fragile X syndrome  2.hemochromatosis  3.interleukin  4.pyrogen  5.apoptotic factor</p> <p><b>AIIMS 2019</b>  1.P53 GENE  2.MEDIATORS OF INFLAMMATION  3.NECROSIS AND APOPTOSIS(IRREVERSIBLE CELL INJURY)  4.NEOPLASIA  5.GENES IN SCID  6.INTERMEDIATE FILAMENTS TYPES  7.MITOCHONDRIAL INHERITANCE  8.GAMMA DELTA T CELLS  9.ANAPHYLACTOID REACTION ( HYPERSENSITIVITY )  10.INTERLEUKIN</p> <p><b>NEET 2018</b>  1.MEASLES (WARTHIN FINKELDEY CELLS)  2.ANAPLASIA DEFINITION  3.PYROGEN  4.STELLATE GRANULOMA  5.OPSONIN</p> <p><b>AIIMS 2018</b>  1.STAINS  2.GAMMA DELTA T CELLS  3.EMPERIPOLIESIS  4.INFLAMMOSOME  5.ADCC ( HYPERSENSITIVITY TYPE2)</p> <p><b>AIIMS 2017</b>  1.STAINS-LEISHMAN</p>	<p><b>4.SCID-genes involved...aiims19</b>  <b>5.Histamine causes vasodilation&lt;aiims19</b>  <b>6.Extrinsic pathway-PT(A19)</b>  <b>7.Anti-CTLA 4 Ab Ipilimumab used in advanced stage of melanoma (inicet)</b>  <b>8.Isotype switching seen in activated B cells(INI)</b>  <b>9.opsonin=c3b(INI)</b>  <b>10.Exo and endogenous pyogens (INI)</b>  <b>11.stellate granuloma seen in</b>  <b>12.warthin finkeldey giant cell image (N'18)</b>  <b>13.BCL-2=Antiapoptotic factor</b>  <b>14.IL-1=Caspase 1</b>  <b>15.caseating granuloma -TB(A19)</b>  <b>16.B-cell---&gt;IgE----&gt;IL4(A19)</b>  <b>17.virchow triad(A19)</b>  <b>IMMUNITY</b>  <b>1.Hyper IgM Syndrome-flow cytometry..aiims19</b>  <b>2.TYPES OF TRANSPLANT GENETICS</b>  <b>1.Turner's syndrome features(A18)</b>  <b>2.mitochondrial inheritance with examples &lt;aiims18,19</b>  <b>3.PEUTZ-JEGHER SYND-AD (inicet)</b>  <b>4.down syndrome-alzheimer disease(INI)</b>  <b>5.Fragile X syndrome(A20)</b>  <b>6.Autosomal dominant pedigree chart(A20)</b></p>
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	<p>RETICULIN STAIN, 2.PEMPHIGUS 3.FISH 4.BLOOD STORAGE 5.VENEPUNCTURE IN ADULT STEP 6.ANTICOAGULANTS FOR ELECTROLYTE ESTIMATION 7.GENE EDITING 8. PAPAN CLEAVAGE 9. GENES IN AUTOIMMUNITY MHC2</p>	
<b>HEMATOLOGY</b>	<p>Neet 2020 1.Megaloblastic anemia 2.vitamin b12 deficiency 3.APML</p> <p>AIIMS 2020- 1.G6PD DEFICIENCY 2.DIC</p> <p>AIIMS 2019 1.POLYCYTHEMIA VERA 2.AML 3.EXTRINSIC PATHWAY OF COAGULATION 4.TRANSFUSION RELATED CIRCULATORY OVERLOAD 5.FEBRILE NHTR 6.HEPCIDIN 7.HEMOSTATIC AGENT 8.IRON DEF ANEMIA 9.VON WILLEBRAND DS 10.FLOW CYTOMETRY (HYPER IGM SYNDROME) 11.IMAGE OF BONE MARROW BIOPSY NEEDLE 12.DMT-1</p> <p>NEET 2019</p>	<p>HEMAT RBC 1.Transporter required fr transprt of iron into enterocyte..aiims19 2.Hepcidin inhibits iron transfer by binding to ferroportin..&lt;aiims19&gt; 3.Parietal cells(image) seen in pernicious, vit B12 def, carcinoid syndrome (inicet) 4.vit B12 def image of hypersegmented neutrophils (inicet ,neet20) 5.Vit B12 def=hyperpig of knuckles(INI) 6.G6PD def= spherocytes(A18) 7.PNH=CD55 and 59(A18) 8.agranuloctosis m/c/c(A18) 9.follicular lymphoma-BCL-2(N19) 10.vit b12 def= chronic alocholic(N19)</p> <p>HEMAT WBC 1.Provisional entity in WHO 2016 classification of hematolymphoid tumours(A18) 2.Dry tap on bonemarrow aspiration(A18) 3.Blood examination shows pancytopenia(A18) 4.Immunohistochemistry of ALL(A18) 5.Image of castleman disease'- histopath resected LN Tumor(A18) 6.BM Bx C/l..(aiims19)</p>

	<p><b>1.HEMOCHROMATOSIS</b>  <b>2.FOLLICULAR LYMPHOMA</b>  <b>3.LCH</b></p> <p><b>NEET 2018</b>  <b>1.TRALI</b>  <b>2.VON WILLEBRAND DS</b>  <b>3.AGRANULOCYTOSIS CAUSES</b>  <b>4.HODGKIN</b>  <b>5.LEIDEN MUTATION</b>  <b>6.PNH</b></p> <p><b>AIIMS 2017</b>  <b>1.IRON DEFICIENCY ANEMIA</b>  <b>2.THALASSEMIA MAJOR,</b>  <b>3.MULTIPLE MYELOMA</b>  <b>4.AML-EXTRAMEDULLARY MENIFESTATION</b>  <b>5.BLOOD STORAGE</b>  <b>6.COAGULATION PATHWAY</b>  <b>7.CLL/SLL</b>  <b>8.POLYCYTHEMIA</b>  <b>9.ALL</b>  <b>10.DLBCL IMAGE</b>  <b>11.MANTLE CELL LYMPHOMA</b>  <b>12.HODGKINS LYMPHOMA</b></p> <p><b>AIIMS 2018</b>  <b>1.FISH (t 11:22)(EWINGS)</b>  <b>2.TRANSFUSION REACTION</b>  <b>3.WHO CLASSIFICATION OF HEMATOLYMPHOID TUMORS</b>  <b>4.VACUTAINER COLOUR</b>  <b>5.FFP</b>  <b>6.DONATION GROUPING</b>  <b>7.ALL CD MARKERS</b>  <b>8.CASTLEMAN DISEASE</b>  <b>9.STORAGE TEMP OF BLOOD COMPONENTS</b></p>	<p><b>7.features of IDA-TIBC increases..&lt;aiims19&gt;</b>  <b>8.Faggot cell AML-M3 image&lt;AIIMS19&gt;</b>  <b>9.Polycythemia vera-Epo level (aiims, (iniket))</b>  <b>10.Mantle cell lmpghoma sox11,cyclin D1 (iniket)</b>  <b>11.Image to identify L,N,E,B,M(granulocyte and agranulocytes) (iniket)</b>  <b>12.NLPHL-good prognosis(N19)</b>  <b>13.L&amp;H type Reed sternberg cell is seen in( neet19)</b>  <b>14.PML-RARA=Rx ATRA(N20) HEMAT PLATELET &amp; BT</b>  <b>1.FFP-blood group donor(A18)</b>  <b>2.color of vacutainer with the anticoagulant and its uses (aims,iniket)</b>  <b>3.storage temp of blood component...&lt;aiims18&gt;</b>  <b>4.source of plasma von willebrand factor&lt;aiims18&gt;</b>  <b>5.Leukoreduced RBCs are indicated in FNHTR&lt;AIIMS18&gt;</b>  <b>6.TACO=HYPERTENSION+SOB&lt;aiims19&gt;</b>  <b>7.Entire coagulation pathway done bt thromboelastography..(iniket)</b>  <b>8.Factor 12 def will not effect clotting in vivo(INI)</b>  <b>9.platelet and rbc count=Rees and Ecker diluting fluid used(INI)</b>  <b>10.Transfusion reaction(bleeding from IV and NG tube sites(N18)</b>  <b>11.leiden mutation factor 5(N18)</b>  <b>12.prolonged bleeding time in vWD(N18)</b>  <b>13.Maxm duration for TRALI to occur(N18)</b></p>
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<p><b>CVS &amp; vasculitis</b></p>	<p>neet2020- 1.infective endocarditis,reperfused myocardium(histology) NEET 2019 1.DILATED CARDIOMYOPATHY 2.RHEUMATIC MITRAL STENOSIS 3.POST MI COMPLICATIONS 4.POLYARTERITIS NODOSA</p> <p>NEET 2018</p> <p>1.CARDIAC TRANSPLANTATION AIIMS 2017 1.RHEUMATIC VALVULAR DISEASE</p>	<p>1.long term complication of cardiac Tx(N18) 2.Anterior transmural infarct-post MI 3.complication(N19) mitral stenosis- fish mouth appearance (calcifiatio and fibrosis) 4.DCM-alcohol(N19) 5.PAN-fibrinoid necrosis(N19) 6.Duke's criteria (N20) 7.Histology of reperfused myocardium(N20) 8.kawasaki disease(N20) 9.IE=Large, iiregular, friable vegetation (N20)</p>
<p><b>GENITO URINARY SYSTEM</b></p>	<p>neet 2020 1.RPGN 2.minimal change diseasase</p> <p>AIIMS 2020 1.URINARY CASTS (  MALTESE CROSS CASTS FABRYS DS)</p> <p>AIIMS 2019- 1.ELECTROPHORETIC IMAGE ( NEPHROTIC SYNDROME)</p> <p>NEET 2018- 1.RCC</p> <p>AIIMS 2017 1.MEMBRANOUS NEPHROPATHY 2.DIABETIC NEPHROPATHY 3.KLEBSIELLA GENITAL ULCER</p>	<p><b>GUT/KIDNEY</b> 1.Minimal change disease- microscopic features(N20) 2.lupus nephritis(A20) 3.urine cast-fabry ds...(aiims20,inicet,) 4.MPGN seen in( inicet) 5.Bladder ca features 6.RPGN=Crescentic, type 1(N20)</p>

<p style="text-align: center;"><b>GASTROINTESTINAL SYSTEM</b></p>	<p><b>NEET 2020</b> 1.ACHLASIA CARDIA 2.HIRSCHPRUNG DISEASE</p> <p><b>AIIMS 2020-</b> 1.COELIAC DISEASE 2.GASTRIC GLAND CELLS IDENTIFICATION</p> <p><b>AIIMS 2019 -</b> 1.LIVER FAILURE</p> <p><b>NEET 2019</b> 1.ESOPHAGITIS 2.BARRETT'S 3.AMOEBIASIS</p> <p><b>NEET 2018</b> 1.PANCREATIC CA 2.COWDEN SYNDROME MUTATION 3.GASTRIC ADENO CA</p> <p><b>AIIMS 2018</b> 4.ESOPHAGEAL CA 5.BARRETT'S</p>	<p>1.celiac disease (aiims, neet) 2.gastric adenocarcinoma(N19) 3.flask shaped ulcer in colon-Entamoeba histolytica(N19) 4.barrett esophagus-inc risk of adenocarcinoma (N19) 5.HSV causes punched out ulcers(N20) 6.hirschsprung disease pathogenesis(N20) 7.juvenile polyp ,5yrs child history (N19) 8.achalasia cardia pathogenesis(N20)</p>
<p style="text-align: center;"><b>RESPIRATORY SYSTEM</b></p>	<p><b>AIIMS 2019</b> 1)CILIOCYTOPATHIES</p> <p><b>NEET 2019</b> 2)ALPHA 1 ANTITRYPSIN DEF</p> <p><b>AIIMS 2017</b> 3)ASPIRATION PNEUMONIA</p> <p><b>AIIMS 2018</b> 4)ASBESTOSIS</p>	<p>1.CMV associated organising pneumonia(A'19) 2.asbestosis(N18) 3.ciliocytophthoria(A18) 4.Silicosis, Mesothelioma, Caplan synd, 5.Asbestosis CT finding( incet ) 6.Covid-19=D.A.D.(INicet) 7.miliary tb(N18) 8.alpha 1 antitrypsin major inhibitor enz is 9.elastase(N19) 10.alpha antitrypsin deficiency gross image(N19)</p>
<p style="text-align: center;"><b>ENDOCRINE SYSTEM BLADDER, PROSTATE</b></p>	<p>1)Neet 2020-papillary ca thyroid,hashimotos thyroiditis</p> <p>2)NEET 2019 - PROSTATE CANCER</p> <p>3)NEET 2018-BLADDER CANCER,EXTRAGONADAL GERM CELL TUMOR</p>	<p><b>ENDOCRINE</b></p> <p>1.Carcinoma thyroid-oncogene(N20) 2.Bx specimen in case of thyroid Bx is 6 follicular cell clusters contain 10-15 cells 3.Acromegaly-PIT1 gene mutation( incet) 4.Hashimoto thyroiditis..incet</p>

	4)AIIMS 2018 - ONCOGENES OF THYROID MALIGNANCY	5.papillary ca of thyroid=orphan annie eye nuclei image(N20)
<b>MUSCULOSKELETAL SYSTEM</b>	NEET 2020 1)myxoid liposarcoma  AIIMS 2019- 2)SMALL ROUND BLUE CELL TUMORS  NEET 2018 3)MYOTONIC DYSTROPHY CHROMOSOME	1. myxoid liposarcoma (N20) 2.SMALL ROUND BLUE CELL TUMORS (A19) 3.MYOTONIC DYSTROPHY CHROMOSOME (N18)
<b>NERVOUS SYSTEM</b>	NEET 2020 1.HUNTINGTON CHOREA 2.SCHWANOMA  AIIMS 2020 1.ALZHEIMERS DISEASE  AIIMS 2017 1.SCHWANNOMA	1.Oligodendroglioma(N20) 2.synucleinopathies and tauopathies(INICET) 3.berry aneurysm occurs due to...(A19) 4.LCH-skull xray (INICET) 5.Alzheimer disease-Apo E4 HIGH risk factor(A,N20) 6.Schwannoma(N20) 7.huntington chorea =CAG (N20)
<b>MISC(GENITAL/BREA ST/ STAIN/BONE)</b>	AIIMS 2018 1.HIV ASSOCIATED INFECTIONS 2.BASAL CELL CARCINOMA  AIIMS 2017 1.PEMPHIGUS 2.CREST SYNDROME 3.ALK POSITIVE TUMORS 4.RB GENE	1.Hemostatic agent 2.Molluscum contagiosum image histopath 3.aiims, neet 4.Frozen section must be done for fixation of fats inicet 5.Papanicolaou stain component= inicet 6.Metallosis 7.Liquid based cytology 8.stem cellsdivide with regulatory stimulus 9.gastric pit is lined by stem cells 10.chromosome 19- myotonic dystrophy

		11.extragonadal germ cell tumor m/cly seen in 12.osteoblastic secondaries- prostate ca 13.colloidal/mucinous ca of breast=mucin pool 14.myxoid liposarcoma
<b>NEOPLASIA</b>		1.Gene causes cell cycle arrest 2.Anaplasia=lack of differentiation 3.Metaplasia-chronic smoker

<b>PHARMACOLOGY</b>	<b>MARROW (Dr.Sarranya)</b>	<b>PREPLADDER/ DAMS ( Dr. Riya)</b>
<b>GENERAL PHARMACOLOGY</b>	1.First order kinetics (A'17) 2.P-Glycoprotein (A'17) 3.Placebo(A'17) 4.Plasma concentration,Loading dose calculation (A'17,18) 5.Schedules- Drugs & Cosmetics act (A'18) 6.Therapeutic Index (A'18, N'19) 7.Intracellular receptors (nuclear and cytoplasmic)	1. Drug label- Terms, Schedules ( H, X), abbrevations ( IP)- (AIIMS-2018,2019) 2. Graphs- Plasma conc v/s time- Cmax, Tmax, AUC and other parameters uses- (AIIMS-2018), calculate potency efficacy ( NEET PG 2020) 3. Bioavailability- First pass metabolism- (AIIMS-2018) 4. Types of drugs- Spurious, orphan- (AIIMS- 2018), Prodrugs (AIIMS

	<p>((A'18)        8. Drugs causing CYP2C9 inhibition (A'18)        9. Teratogenic effects of drugs (A'18)        10. Counterfeit Drugs (A'18)        11. GPCR(A'18)        12. Plasma conc. Vs time graph-AUC (A'18)        13. Routes of drug administration (A'19)        14. Enteric coated tablets (A'20)        15. Metered Dose Inhaler(A'20)        16. Dose Response Curve (N'19, 20)        17. Phases of Clinical Trials(N'19)</p>	<p>2020), FDC ( NEET PG 2019)        5. Enzyme Inhibitors and inducers- (AIIMS- 2018)        6. Therapeutic index- Monitoring-procedures ( AIIMS 2020), formula, significance- (AIIMS- 2018, 2020)        7. Numericals- Divisions of syringe needed to be filled to give the required dose of drug ( AIIMS 2017,2018) Loading dose, Maintenance dose, volume of distribution- (AIIMS- 2018)        8. Drug receptors- Types, MOA, Examples- G protein coupled Rc (AIIMS 2019), Intracellular Rc ( AIIMS 2020), TyKRc ( NEET PG 2020)        9. Z track technique- (AIIMS 2019)        10. Category X ( AIIMS 2019)        11. Drug intereactions- Beta blockers X Verapamil ( AIIMS 2019,2020), Warfarin X Enzyme inhibitors ( AIIMS 2019), Statins x enzyme Inhibitors ( AIIMS 2020)        12. Acidic and basic drugs (AIIMS 2019)        13. Clinical trials- Phases and significance ( NEET PG 2019)- Phase 1 ( AIIMS 2019)        14. Non competitive inhibitors - IBQ ( NEET PG 2020)        15. Plasma protein binding drugs ( NEET PG 2019)        16. Quantal DRC ( NEET PG 2019)        17. pKa- definition ( NEET PG 2018)        18. Allosteric modulators ( NEET PG 2018)        19. Placebo (AIIMS 2017)</p>
<p><b>ANS</b></p>	<p>1. Functions of Adrenergic receptors (A'17)        2. Finasteride (A'17)        3. Norepinephrine in septic shock (A'17)        4. Antiglaucoma drugs – S/E (A'17, 19,N'19)        5. Pirenzepine (N'18)        6. Tamsulosin(N'20)</p>	<p>1. Glaucoma- Rx (AIIMS 2019), MOA of drugs used        2. Ach- action on heart rate (AIIMS 2019)        3. Muscuranic Rc actions ( AIIMS 2020)        4. MG worsening drugs ( AIIMS 2020)        5. Beta blockers C/I ( NEET PG 2019)</p>

<p style="text-align: center;"><b>CARDIO VASCULAR SYSTEM</b></p>	<ol style="list-style-type: none"> <li>1 MOA of ISDN (A'17)</li> <li>2. Classification of Antiarrhythmics (A'17)</li> <li>3. MOA of Sodium Nitroprusside (A'18)</li> <li>4. Treatment of Hypertension (A'19)</li> <li>5. Drugs used in heart failure (A'19, N'18)</li> <li>6. Drugs causing QT Prolongation (N'18)</li> <li>7. Sacubitril (N'18)</li> <li>8. Antihypertensives in pregnancy (N'18)</li> <li>9. Nicorandil (N'19)</li> <li>10. Ranolazine (N'20)</li> </ol>	<ol style="list-style-type: none"> <li>1. CHF- Drugs for acute and chronic ( AIIMS 2018), NEP inhibitor (NEET PG 2018, AIIMS 2019)</li> <li>2. Sodium nitroprusside- MOA (AIIMS 2019)</li> <li>3. Antihypertensives- DOC in DM ( AIIMS 2019)</li> <li>4. Digoxin toxicity ( AIIMS 2019)</li> <li>5. NSTEMI - Drugs used ( AIIMS 2020)</li> <li>6. Anti arrhythmics C/I in ILD ( NEET PG 2020)</li> <li>7. MOA- Ranolazine, Ivabradine ( NEET PG 2020), Nicorandil ( NEET PG 2019), ISMN ( AIIMS 2017)</li> <li>8. Tolvaptan- MOA, uses ( NEET PG 2019)</li> <li>9. Digoxin induced VT, Post MI VT - DOC ( NEET PG 2019)</li> <li>10. Drugs causing QT prolongation ( NEET PG 2018)</li> </ol>
<p style="text-align: center;"><b>CENTRAL AND PERIPHERAL NERVOUS SYSTEM</b></p>	<ol style="list-style-type: none"> <li>1 MOA and S/E of opioids (A'17,20)</li> <li>2. Antisucidal drugs (A'17)</li> <li>3. Idiosyncratic reactions of carbamazepine (A'17)</li> <li>4. Leviteracetam (A'17)</li> <li>5. Amitryptilin (A'17)</li> <li>6. Tramadol -MOA (A'19)</li> <li>7. Antiepileptics -MOA and S/E (A'20)</li> <li>8. Lithium (A'20)</li> <li>9. Mirtazapine (A'20)</li> <li>10. Drugs aggravating Myasthenia Gravis (A'20)</li> <li>11. Atypical antipsychotics (N'18)</li> <li>12. Treatment of Sydenhams Chorea (N'18)</li> <li>13. Disulfiram reaction (A'20)</li> </ol>	<ol style="list-style-type: none"> <li>1. DOC- ALS (AIIMS 2018)</li> <li>2. SSRI- S/E ( AIIMS 2018,2020), Discontinuation syndrome (AIIMS 2018), Escitalopram (AIIMS 2019)</li> <li>3. Anti- psy- Chlorpromazine- S/E ( AIIMS 2019), Fluphenazine - S/E (NEET PG 2020)</li> <li>4. AED- S/E- Vigabatrin ( AIIMS 2020)</li> <li>5. Li toxicity- S/e, C/F, Estimation ( AIIMS, NEET PG- 2020)</li> <li>6. Disulfiram like reaction causing drugs ( AIIMS 2020)</li> <li>7. TCA - S/E ( AIIMS 2020)</li> <li>8. Absence seizures- DOC ( AIIMS 2020)</li> <li>9. DOC- Neurocysticercosis ( AIIMS 2020)</li> <li>10. Anti- migraine drugs causing angina ( AIIMS 2020)</li> <li>11. Antidepressants- S/E ( AIIMS 2020)</li> <li>12. Restless leg syndrome- DOC ( NEET PG 2020)</li> <li>13. Drugs used in anaesthesia- MOA, S/E, Special features- Ketamine, Etomidate ( NEET PG 2019), NMDR-</li> </ol>

		<p>MOA ( NEET PG 2020), curare ( NEET PG 2020)</p> <p>14. Busiprione- MOA ( NEET PG 2019)</p> <p>15. Mannitol- Ind, S/E ( NEET PG 2019)</p>
<b>ANTIMICROBIALS</b>	<p>1 Antileptotics (A'17)</p> <p>2. Vancomycin -MOA (A'17)</p> <p>3. Oseltamivir (A'17,N'19)</p> <p>4. Scrub Typhus management (A'18,N'18)</p> <p>5. Antifungals -MOA (A'18,N'18,19,20)</p> <p>6. Protease inhibitors (A'18)</p> <p>7. Antibiotics C/I in renal failure (A'18)</p> <p>8. ATT- MOA and S/E (A'18, N'20)</p> <p>9. Drugs causing Pseudomembranous enterocolitis (A'19)</p> <p>10. Primaquine, Tafenoquine (A'18,19)</p> <p>11. Oxazolidones (A'19)</p> <p>12. Bacteriostatic and Bactericidal drugs (N'18)</p> <p>13. Drugs against Hepatitis B virus (N'18)</p> <p>14. Drugs against ESBL organisms (N'18)</p> <p>15. Fluroquinolones (N'19)</p> <p>16. Cilastin (N'19)</p> <p>17. Carbapenems (N'19)</p> <p>18. Resistance to penicillins - mechanism (N'20)</p>	<p>1. Parasitic infections DOC (AIIMS 2018), match the following ( AIIMS 2019)</p> <p>2. Anti- HIV drugs- MOA and examples (AIIMS 2018), PEP (AIIMS 2019), Protease inhibitors- S/E ( AIIMS 2019)</p> <p>3. TB- Drug resistance mechanism (AIIMS 2018), toxicity (AIIMS 2019), 2nd line drugs ( AIIMS 2020), Bactericidal and bacteriostatic anti TB drugs ( AIIMS 2020), Rifampicin- MOA ( NEET PG 2020), Isoniazid S/E ( AIIMS 2017)</p> <p>4. Leprosy- Rx (AIIMS 2019), Dapsone - MOA (AIIMS 2018)</p> <p>5. DOC- Typhoid fever, Scrub typhus (2017), Syphilis, Visceral leishmaniasis (AIIMS 2018), HSV, VZ, CMV, c. difficile- cause (AIIMS 2019), Invasive aspergillosis ( NEET PG 2020), Prophylaxis of diphtheria ( NEET PG 2019), Catheter related UTI ( NEET PG 2018)</p> <p>6. Hep C- Rx (AIIMS-2019)</p> <p>7. Antibiotics- MOA- match the following (AIIMS2018), Amoxicillin-S/e ( AIIMS 2020), DNA replication inhibitors ( NEET PG 2020), Tigecycline ( NEET PG 2018), cell wall synthesis inhibitors ( NEET 2017)</p> <p>8. Antifungals- MOA- match the following (AIIMS 2018), Amphotericin B ( NEET PG 2018), Azoles ( NEET PG 2019, AIIMS 2020), Nail lacquer ( NEET PG 2020)</p> <p>9. Malaria- Gametocidal drugs (AIIMS 2018), Tafenoquine (AIIMS 2019), Drug resistance Rx (AIIMS 2019)</p> <p>10. Drugs needing dose reduction in</p>

		<p>renal failure (AIIMS 2018)</p> <p>11. BV in pregnancy- DOC (AIIMS 2019)</p> <p>12. Tedizolide- MOA, use- (AIIMS 2019)</p> <p>13. Cotrimozazole- S/E (AIIMS 2019)</p> <p>14. MRSA- DOC, Prevention (AIIMS 2019)</p> <p>15. Antimicrobials and against which organisms- match the following ( AIIMS 2020)</p> <p>16. COVID- 19- Drugs decreasing mortality ( AIIMS 2020)</p> <p>17. Mechanism of resistance to different antimicrobials- Penicillin ( NEET PG 2020)</p> <p>18. FQ- Bioavailability- max and min ( NEET PG 2019),C/I in liver disease ( NEET PG 2020)</p> <p>19. Carbapenem with max seizure risk ( NEET PG 2019)</p> <p>20. Cilastin X imipenem ( NEET PG 2019)</p>
<b>ENDOCRINE SYSTEM</b>	<p>1. Bromocriptine (A'17)</p> <p>2. OHAs which can be given in renal failure (A'17,20)</p> <p>3. Lente Insulin(A'17)</p> <p>4. GnRH Agonists – Indications (A'19)</p> <p>5. Teriparatide(A'20)</p> <p>6. Strontium Ranelate(N'18)</p> <p>7. Metyrapone(N'18)</p> <p>8. Drugs used in SIADH(N'19)</p>	<p>1. GnRH agonist- uses, S/E (AIIMS 2019)</p> <p>2. SGLT 2 Inhibitors- S/E ( AIIMS 2019)</p> <p>3. CAH- Rx (AIIMS 2019)</p> <p>4. DM- DOC ( AIIMS 2020), GLP-1 - MOA ( NEET PG 2019)</p> <p>5. SERM- Tamoxifen- S/E (AIIMS 2020)</p> <p>6. Combined OCP- MOA ( AIIMS 2020)</p> <p>7. DOC- Graves disease, Carbimazole- S/E- IBQ ( AIIMS 2020)</p> <p>8. PCOS- DOC ( AIIMS 2020)</p> <p>9. Emergency contraceptives- MOA ( NEET PG 2020)</p> <p>10. Glucocorticoids synthesis inhibitors, SPRM, SEGRA ( NEET PG 2018)</p> <p>11. Metformin - C/I (AIIMS 2017)</p> <p>12. Bromocriptine ( AIIMS 2017)</p>
<b>AUTACOIDS &amp; OPIOIDS</b>	<p>1. Antirheumatoid drugs(A'17)</p> <p>2. Drugs used in motion sickness(A'17,N'18)</p>	<p>1. Gout- DOC for acute ( AIIMS 2020), Pegloticase- MOA( AIIMS 2019, NEET PG 2020)</p> <p>2. RA- DOC ( NEET PG 2019),</p>

	<p>3. Drugs used in Gout (Pegloticase, colchicine)(A'19,20, N'18,19,20)</p> <p>4. Prucalopride -MOA(A'19)</p> <p>5. Antimigraine drugs(A'20)</p> <p>6. Abortifacient drugs(N'19)</p>	<p>DMARDS, Biologicals (AIIMS 2018), Chloroquine S/E ( NEET PG 2020), Colchicine MOA ( NEET PG 2018,2019)</p> <p>3. Opioids- Tramadol- MOA( AIIMS 2019), Morphine- uses, C/I-, morphine and head injury( AIIMS 2020)</p> <p>4. Analgesics- S/E, uses ( AIIMS 2020)</p> <p>5. K+mu Rc anatagonist -( AIIMS 2017)</p>
<b>HEMATOLOGY</b>	<p>1. Fibrinolytic Therapy- antidote(A'17,20)</p> <p>2. Anticoagulants (A'18)</p> <p>3. Coagulation profile monitoring(N'18)</p> <p>4. Prasugrel(N'18)</p> <p>5. Factor Xa inhibitors(N'18,19)</p> <p>6. Filgrastim(N'19)</p>	<p>1. Heparin- MOA (AIIMS 2018), Route (AIIMS 2019)</p> <p>2. Anti- fibrinolytics ( AIIMS 2020)</p> <p>3. Dicoumarol- MOS ( AIIMS 2020)</p> <p>4. OAC- TYpes, examples , MOA- factor Xa Inhibitors- ( NEET PG 2019), Prasugel ( NEET PG 2018)</p> <p>5. Drugs causing agranulocytosis ( NEET PG 2018)</p>
<b>RESPIRATORY SYSTEM</b>	<p>1. Corticosteroids in Asthma(A'17)</p> <p>2. S/E of Salbutamol(A'18,19)</p> <p>3. Antitussives(A'20)</p> <p>4. Theophylline(N'20)</p>	<p>1. CAP- DOC (AIIMS 2019)</p> <p>2. Salbutamol- S/E (AIIMS 2018), Corticosteroids with salbutamol- action ( AIIMS 2017)</p> <p>3. Codeine X Dextromethorphan ( AIIMS 2020)</p> <p>4. MDI- IBQ- Drawbacks ( AIIMS 2020)</p> <p>5. Theophylline- MOA, uses, S/E ( NEET PG 2020)</p>
<b>GASTRO INTESTINAL SYSTEM</b>	<p>1. Metoclopramide(A'18)</p> <p>2. Drugs used in Wilson's disease(A'19)</p> <p>3. Senna-S/E(N'18)</p> <p>4. Antiemetics in Chemotherapy(N'19)</p> <p>5. Prokinetic Drugs(N'20)</p>	<p>1. 5HT4 antagonist- Prucalopride- (AIIMS 2019)</p> <p>2. Antiemetics- S/E (AIIMS 2018)</p> <p>3. Acute liver failure ( AIIMS 2019)</p> <p>4. Enteric coated tablets ( AIIMS 2020)</p> <p>5. Prokinetics ( NEET PG 2020)</p> <p>6. Motion sickness- DOC ( NEET PG</p>

		2020) 7. PUD- DOC ( NEET PG 2018) 8. Melanosis coli ( NEET PG 2018)
<b>ANTI NEOPLASTIC DRUGS</b>	1.Bleomycin(A'18) 2.Langherhan cell histiocytosis-Drugs(A'20) 3.6-Mercaptopurine(N'20)	1. Bleomycin- S/E (AIIMS 2018), S/E on skin IBQ ( AIIMS 2020) 2. DOC- HCL, CLL ( AIIMS 2020) 3. Chemotherapy induced vomiting - DOC ( NEET PG 2019)
<b>NEWER DRUGS AND MISC</b>	1.Adrenaline dilutions and indications(A'17,20) 2.New drugs for ALS(A'18) 3. Pharmacotherapy in COVID(A'20) 4.Basiliximab(N'18) 5.Teduglutide(N'19) 6. DOC in postop urinary retention(N'20)	1. Monoclonal Ab- MOA (NEET PG 2018), match the following (AIIMS 2019) 2. Drugs causing miosis (AIIMS 2019) 3. Anaphylaxis- Rx- (AIIMS 2017,2019), Adrenaline dilutions and uses ( AIIMS 2020) 4. DOC- Acute mountain sickness ( AIIMS 2019, NEET PG 2020) 5. Ocular S/E of drugs ( AIIMS 2019), ocular hypotension ( NEET PG 2019) 6. Drugs for Rx of osteoporosis ( AIIMS 2020) DOC - postmenopausal ( NEET PG 2020) 7. Drugs acting on urinary bladder- Post op urinary retention DOC ( NEET PG 2020) 8. Scorpion sting Mx- ( NEET PG 2019) 9. Smoking cessation Mx ( NEET PG 2019) 10. Pegfilgastrim MOA ( NEET PG 2019) 11. BPH- DOC ( AIIMS 2017) 12. Hyperkalemia Rx ( AIIMS 2017)
<b>DRUG POISONING</b>	1.OPC Poisoning Management(A'19)	1. OP poisoning- C/f, Rx (AIIMS-2019)

2. Antidotes for different poisoning-match the following (AIIMS-2019,2020)



NEET PG RAD SYNAPSE

MICROBIOLOGY	MARROW (Dr.Suma)	PREPLADDER (Dr. JAYA SINHA)
GENERAL MICRO	1) Antibiotic susceptibility test method (NEET 2019) 2) Staining cryptococcus(NEET 2019) 3) Transduction (NEET 2018) 4) Pasteurisation temperature (NEET 2018) 5) Biosafety levels(AIIMS 2020) 6) Real time PCR(AIIMS 2020) 7) Compound microscope parts(AIIMS 2020, AIIMS 2018) 8) Hand sanitizer uses (AIIMS 2020) 9) Plasma Sterilisation (AIIMS 2018) 10) Dark field microscopy (AIIMS 2018) 11) blotting techniques(AIIMS 2018) 12) blood spill disinfection (AIIMS 2017) 13) biofilm formation(AIIMS 2017)	1) SUPERANTIGENS (NEET 2020) 2) DISC DIFFUSION METHODS(NEET2019) 3) STERILIZATION & DISINFECTION (NEET2018&AIIMS18) 4) HAND HYGEINE (INI20) 5) ORGAN OF LOCOMOTION (INI20) 6) STEPS OF ZN STAINING (AIIMS19) 7) TYPES OF MICROSCOPY(AIIMS18)
IMMUNOLOGY	1) Ig types(NEET 2020, AIIMS 2019) 2) Immunochromatography(NEET 2020) 3) Hyper IgE syndrome (NEET 2019) 4) MHC classes with antigens (NEET 2019) 5) Deficiency of IgG(NEET 2019) 6) Nude mice (NEET 2018) 7) Graft rejection reaction	1) PROTEIN OF HPV VACCINE (INICET20) 2) SOMATIC HYPERMUTATION(INICET20) 3) MECH OF RESISTANCE OF GRAFT (NEET2018) 4) INFECTIVITY AND TYPE OF IG PRODUCED(AIIMS 20) 5) CLASS SWITCHING(AIIMS20) 6) SEROLOGY OF HEPATITIS(AIIMS19) 7) SCID(AIIMS19) 8) INTERFERONS TYPES &

	<p>(NEET 2018)        8) Elisa technique image based(AIIMS 2020)        9) Hypersensitivity types (AIIMS 2020)        10) Affinity maturation (AIIMS 2020)        11) monoclonal antibody production (AIIMS 2018)        12) Types of interferons (AIIMS 2018)        13) Stimulator of naive T cells (AIIMS 2018)        14) Immunologically privileged site (AIIMS 2018)</p>	<p>ACTION(AIIMS18)        9) TYPES AND STRUCTURE OF IGA(AIIMS2020)        10) INTERLEUKINS AND THE ROLE(AIIMS2020)        11) IMMUNITY OF MATERNAL TITERS IN NEONATES (AIIMS2020)</p>
<p><b>BACTERIOLOGY</b></p>	<p>1)Staph food poisoning (NEET 2020)        2)Super antigens(NEET 2020)        3)Neisseria (NEET 2020 NEET 2019, AIIMS 2020, AIIMS 2019 )        4)Bacterial parts and functions (NEET 2020)        5)Causes of urethritis(NEET 2020)        6)E coli species differentiation images (NEET 2020 AIIMS 2018)        7)Bioterrorism(NEET 2020)        8)Legionella culture media (NEET 2019)        9)Leptospira diagnosis (NEET 2019)        10)Anthrax lesion(NEET 2019)        11)Tests &amp; culture media for UTI(NEET 2019 AIIMS 2019)        12)Syphilis diagnosis (NEET 2019)        13)Transmission based precautions (NEET 2019)        14)Burkholderia inherent resistance to antibiotics (NEET 2018)        15)Scromboid fish poison (NEET 2018)        16)Lactobacillus pH(NEET 2018)        17)TB In gamma assay(NEET</p>	<p>1) NOSOCOMIAL INFECTION DURATION (NEET 2020)        2) STAPH AUREUS INCUBATION PERIOD (NEET2020)        3)CULTURE MEDIA (leptospira and ecoli)( NEET 2020&amp;19&amp;AIIMS18)        4) CAUSATIVE ORGANISM DONOVANOSIS ( NEET 2020)        5) CAUSES OF URETHRITIS (NEET 2020)        6) BIOTERRORISM AGENTS (NEET2020)        7) LEPTOSPIROSIS &amp; LIFE CYCLE (NEET2019&amp;INICET20&amp; AIIMS 20)        8) SHAPES OF ORGANISMS &amp; CAUSES OF MENINGITIS (NEET2019)        9) RESISTANCE OF BURKHOLDERIA AND MYCOPLASMA TO ANTIBIOTIC(NEET2018)        10) CHANDROID&amp; STI (INICET20)        11) H.INFLUENZA (INICET20)        12) VIBRIO CHOLERA MECHANISM (INICET20)        13) ECOLI TYPES &amp; MECHANISM (INI20)        14) REACTIVE ARTHRITIS ORGANISM(AIIMS 20)        15) VECTORS AND ORGANISM (AIIMS20)        16) PNEUMONIA (VAP,HAP) (AIIMS18)</p>

2018)  
 18) Actinomyces (NEET 2018)  
 19) Urease + organisms (NEET 2018)  
 20) Mycoplasma inherent resistance to antibiotics (NEET 2018)  
 21) Scrub typhus features culture (AIIMS 2020)  
 22) ATT drugs resistance genes (AIIMS 2020)  
 23) Reactive arthritis with shigella (AIIMS 2020)  
 24) Albert stain components (AIIMS 2020 AIIMS 2018)  
 25) Hemophilus pneumonia (AIIMS 2020)  
 26) Genital ulcer (AIIMS 2020)  
 27) Vibrio cholera MOA (AIIMS 2020)  
 28) Mycetoma causes & treatment (AIIMS 2020)  
 29) Leptospira life cycle & image (AIIMS 2020 AIIMS 2017)  
 30) Chancroid (AIIMS 2020)  
 31) E coli types with virulence factors (AIIMS 2020)  
 32) Nasal carriers of MRSA treatment (AIIMS 2019)  
 33) Mw vaccine for leprosy (AIIMS 2019)  
 34) Botulinum toxin MOA (AIIMS 2019)  
 35) Corynebacterium toxin MOA (AIIMS 2019)  
 36) Coxiella diagnosis (2019 AIIMS)  
 37) Strep pyogenes sensitivity (AIIMS 2018)  
 38) Chlamydia incub period (AIIMS 2018)  
 39) Staph food poison ,toxins (AIIMS 2018 AIIMS 2017)  
 40) Typhoid treatment (AIIMS 20018)  
 41) Urine LAM test (AIIMS 2017)  
 42) TB image (AIIMS 2017)  
 43) Clostridium difficile diagnosis (AIIMS 2017)

	<p>44)Nocardia image (AIIMS 2017)</p>	
<p><b>VIROLOGY</b></p>	<p>1)Transplant infections (NEET 2020, NEET 2018)  2)Japanese encephalitis vector transmission (NEET 2020 ,NEET 2019)  3)Laryngotracheobronchitis (NEET 2020)  4)Parvovirus features (NEET 2019)  5)Cowdry inclusion bodies (NEET 2019)  6)Rubella family (NEET 2019)  7)Influenza vaccine(NEET 2019)  8)Hepatitis B SEROLOGY life cycle (NEET 2018 ,AIIMS 2019, AIIMS 2017)  9)Hep B post exp prophylaxis (AIIMS 2020)  10)Viral meningitis (AIIMS 2020)  11)COVID antibodies (AIIMS 2020)  12)Ebola(AIIMS 2020)  13)Herpes lesions(AIIMS 2020)  14)Zika virus (AIIMS 2020 AIIMS 2017)  15)hvpv vaccine protein (AIIMS 2020)  16)Rabies with diagnosis(AIIMS 2020, AIIMS 2017)  17)Influenza (AIIMS 2019)  18)HHV 8 (AIIMS 2018)  19)CMV (AIIMS 2018)  20)Enveloped viruses susceptibility (AIIMS 2018)  21)Influenza replication (AIIMS</p>	<p>1) ZIKA VIRUS(VECTOR &amp; FAM)( NEET 2020&amp;AIIMS18)  2) RECENT PANDEMIC OF INFLUENZA A(H1N1) (NEET 2020)  3) OPPORTUNISTIC DISEASE OF TRANSPLANTS(CMV) (NEET 2020&amp;18)  4) FAMILY OF RUBELLA (NEET2019)  5) ANTIGENIC SHIFT &amp; DRIFT INFLUENZA FOR VACCINE PRODUCTION(NEET2019)  6) VARICELLA ZOASTER (NEET2018)  7) TYPE OF ENTEROVIRUS CAUSING ACUTE HEMO CONJ(NEET2018)  8) ALL ABOUT EBOLA (AIIMS20)  9) COX SACKIE (AIIMS19)  10) MOLLUSCUM CONTAGIOSUM (AIIMS 19)  11) ENVELOPED VIRUS (AIIMS18)</p>

	<p>2018) 22)Paul bunnel test (AIIMS 2017) 23)Crimean congo hemorrhagic fever (AIIMS 2017) 24)Coxsackie virus (AIIMS 2017) 25)Hep B causing HCC(AIIMS 2017)</p>	
<b>MYCOLOGY</b>	<p>1)oral candidiasis(2020 neet) 2)Sporothrix(NEET 2020) 3)Invasive pulm aspergillosis treatment (NEET 2020) 4)Orbital cellulitis (NEET 18) 5)Galactomannan assay (AIIMS2020) 6)Chromoblastomycosis(AIIMS 2019 AIIMS 2017) 7)Classification of fungi(AIIMS 2019 AIIMS 2017) 8)beta 1,3 glucan assay (AIIMS 2019 AIIMS 2017) 9)Germ tube (AIIMS 2018) 10)aspergillus stain &amp; image(AIIMS 2017)</p>	<p>1) SPOROTHRIX (NEET2020 &amp;AIIMS20) 2) OPPORTUNISTIC FUNGI CANDIDA (NEET2020) 3) COMPONENT OF CELL WALL OF ASPERGILLUS(INICET20) 4) MYCETOMA(INI20) 5) CHROMOBLASTOMYCOSIS(AIIMS19)</p>
<b>PARASITOLOGY</b>	<p>1)Filariasis management (NEET 2020) 2)Trichuris egg(NEET 2020) 3)Plasmodium species(NEET 2020 AIIMS 2019 AIIMS 2017) 4)Giardia image(NEET 2020 AIIMS 2017) 5)Trichuris features (NEET 2019) 6)Paragonimus features (NEET 2019) 7)Scabies(NEET 2019) 8)HIV with diarrhea (NEET 2019, AIIMS 2020,AIIMS 2019 AIIMS 2018 AIIMS 2017) 9)Neurocysticercosis with treatment (NEET 2019, AIIMS 2020) 10)Sabin Feldman test (NEET 2018) 11)Echinococcus species and hosts(NEET 2018, AIIMS 2020</p>	<p>1) EGGS OF PARASITES (NEET 2020) 2) PBS OF MALARIA (NEET2020) 3) TRICOMONIASIS ( NEET 2020) 4) TRICHURIS TRICHURA (NEET 2019) 5) INTERMEDIATE HOST(DIPHYLLO)(INICET20) 6) GROSS IDENTIFICATION OF PARASITE(ASCARIS) (INI20) 7) FORMAL ETHER SEDIMENTATION TECH(AIIMS20) 8) OPPORTUNISTIC PARASITE(COCCIDIAN &amp; SIZE)(AIIMS20&amp;18) 9) NAMED SIGN OF PARASITIC INF(AIIMS20) 10) CUTANEOUS LARVA MIGRANS(AIIMS19) 11) INTRACELLULAR HEPATIC PARASITES(leish&amp;malaria) (AIIMS19)</p>

	<p>AIIMS 2019)  12)Kala azar vector (NEET 2018)  13)Cutaneous larva migrans(NEET 2018,AIIMS 2019)  14)Sedimentation technique for ova(AIIMS 2020)  15)Round worm image(AIIMS 2020)  16)Motility organs (AIIMS 2020)  17)Parasites &amp; respective hosts (AIIMS 2020)  18)Transmission assessment survey (AIIMS 2019)  19)Babesia (AIIMS 2019)  20)H nana treatment (AIIMS 2018)  21)strongyloides life cycle(AIIMS 2018)  22)Entamoeba (AIIMS 2018, AIIMS 2017)  23)leishmania (AIIMS 2018)  24)Fasciola hepatica life cycle (AIIMS 2017)  25)balantidium coli image (AIIMS 2017)  26)hook worm egg (AIIMS 2017)</p>	
<p><b>APPLIED MICRP AND MISC.</b></p>		<p>1) CARD TEST PRINCIPLE (NEET2020)  2)SANDWICH ELISA(diagram) (AIIMS20)  3) VIRAL LOAD AND TESTING(RTPCR) (AIIMS20)  4) BIOMEDICAL WASTE (AIIMS20)</p>

FMT	MARROW	PREPLADDER ( Dr.JAYA SINHA)
<b>TOXICOLOGY</b>	1)Heroin, Cocaine, Ganja, Cannabis, LSD - common names; 2)Nicotine, Atropine - C/F; 3)Physical vs psychological dependence; 4)Hunar Hand; 5)Aconite; Nerium odorum; Cerebra thevatia; Marking nut; Abrus precatorius; 6)Nux vomica; Nigella sativa; Erythroxyllum coca; Datura; Ricinus; Digitalis; Calotropis; 7)Atropa belladonna; 8)Scorpion venom; Snake venom all snakes; 9)Preservatives; 10)Phosphorus, Lead, Mercury, Arsenic 11)Gastric lavage	1)arsenic poisoning(neet2020) 2)most common subs abuse(neet20) 3)magnan symptom(neet20) 4)contraind of gastric lavage(neet19) 5)lead poison( saturnine gout) (neet18) 6) zn chloride, cholral hydrate, quinine , kcarbonate (uses) (ini20) 7)poisoning and antidote(ini20) 8)cocaine poisoin (aiims20) 9)snake bite managemnt(aiims20)
<b>MEDICAL JURISPRUDENCE</b>	1)IPCs - Perjury related, rape, grievous hurt 2)Articles for children 3)Civil negligence against doctors 4)Borrowed servant doctrine 5)Witness types 6)First hand knowledge rule 7)Medical Maloccurrence 8)Res Ipsa Loquitor 9)Doctrine of Anticipation 10)Medicolegal importance of age 11)Examination of rape victim; 12)POCSO; Battered baby syndrome; Posthumous child; Suppotitious child; Illegitimate child 13)Frotteurism, Eonism, Transvestism,	1) perjury ipc(neet20) 2)onus of proof(neet20) 3)mcaughtens rule(neet18) 4)medical maloccurance(aiims 20) 5)types of consent(aiims20)
<b>INJURIES</b>		

	<p>1)Abrasion; Laceration; Contusion; Incision; Chop wound; 2)Skull fracture types 3)Hypothermia 4)Paradoxical undressing 5)Frostbite 6)Asphyxia - Throttling, hanging, drowning sea vs fresh water, types of hypoxia, 7)Firearm - Range; bullet wipe; shotgun wound; gun powder residue; bullet fingerprinting, types of bullet,</p>	<p>1)putrefaction(neet20) 2)types of hymen in rape individual (neet20) 3)order of rigor mortis (neet19) 4)range of gunshot(neet19) 5)battered baby syndrome(neet19) 6)order of putrefaction(neet18) 7)odour of mummified body(neet18) 8)strangulation(ini20) 9)axe, rta, blade, lathi (type of wound)(ini20) 10)marbling(ini20) 11) shotgun wound(ini20) 12)fresh water drowning(ini20) 13)paradoxical undressing(aims19) 14)bullet wipe term(aiims20) 15)bullet fingerprinting(aiims19) 16)throttling(aiims18) 17)laceration (aiims20)</p>
<b>IDENTIFICATION</b>	<p>1)XRay age - wrist carpal bones; elbow; hip; sternoclavicular joint; skull sutures 2)Sex ID - Pelvis, Skull 3)Race identify - Skull : Dolicocephalic, Mesaticephalic, Brachycephalic 4)Fingerprint, Tattooing, 5)Test for Semen, Blood; 6)Vaginal epithelial cells Lugol's iodine; 7)Hymen- types, false virgin, in children; 8)Corporobasal index; Ischiopubic index; Sciatic notch index; 9)Haase's rule; Locard's principle;</p>	<p>1) tattoo identification (neet20) 2)age estimation (wrist) neet2020) 3) detection of sperm (neet19) 4)preservative in chemical analysis (neet19) 5)fingerprinting(neet19) 6)age of fusion of bone(neet19)(ini20)(aiims18) 7)locards principle(neet2018) 8)types of postmortem dissection(aiims20) 9&gt;false virgin(aiims19)</p>
<b>FORENSIC PSYCHIATRY</b>	<p>1)McNaughtens rule, Truth serum, Brain mapping, Polygraph</p>	<p>1)mental health care no of days of admission(neet20) 2)NYCTOPHOBIA (NEET19) 3)superfecundation(neet18)</p>

		<p>4)types of declaration (neet18)          5)posthumous child definition(neet18)          6)protocols to be followed in rape victims(ini20)(aiims20)          7)posco act(aiims20)(aiims18)          8)protocols to be followed by forensic team at crime site(aiims19)          9)drugs and cosmetic act(aiims20)</p>
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PSM	MARROW (Dr.Nanda / Dr.Gaurav )	PREP/DAMS ( Dr. Ashish / Dr. Satapathi /Dr.Riya)
BIOSTATS	1.STANDARD DEVIATION NEET 2020 and NEET 2019	1, Attributable risk (NEET 2020) 2. Line diagram (NEET 2019) 3. Bar diagram (NEET 2019) 4. Study types and unit (NEET 2018)
	2.COEFFICIENT OF REGRESSION NEET 2020 and 2019	
	3.COEFFICIENT OF VARIATION NEET 2020	AIIMS JUNE 2020 1. NON PARAMETRIC TEST
	4.P value [Definition] - Null hypothesis (AIIMS 2017)	AIIMS 2018 1. TEST IN SERIES (SENSITIVITY AND SPECIFICITY ) 2.PAIRED T TEST (PARAMETRIC TEST ) 3.SKEWED GRAPH AND NORMAL DISTRIBUTION 4.BOX AND WHISKER PLOT
	5.Mean calculation in histogram (AIIMS 2017)	
	6.Alpha error - Hypothesis testing (AIIMS 2017, 2018)	AIIMS 2019 1.study design for correct technique of injection in health worker 2.VARIANCE CALCULATION 3. TEST OF SIGNIFICANCE 4.CONFIDENCE INTERVAL AND RISK FACTORS 5.GRAPH OF CORRELATION 6. NUMBER NEEDED TO TREAT AND NUMBER NEEDED TO HARM
	7.Calculation of ANC registration and number of pregnancies depending on crude birth rate (AIIMS 2017)	
	8.Scales of data measurement [Ordinal scale] (AIIMS 2017)	

	<p>9. Tests of significance [Chi square test, paired &amp; unpaired tests] (AIIMS 2017, 2018)(NEET 2020)</p> <p>10. Normal distribution curves (AIIMS 2018)</p> <p>11. Box &amp; Whisker plot (AIIMS 2018)</p> <p>12. Mean, median, mode graphs (AIIMS 2018)</p> <p>13. Series &amp; parallel tests (AIIMS 2018)</p>	<p>7. confounding factors</p> <p>8. Case control</p>
<p><b>NATIONAL HEALTH PROGRAMMES</b></p>	<p>1. Annual case detection rate of leprosy (AIIMS 2017) Treatment of leprosy [MDT-Blister pack image] (AIIMS 2017, 2018) Treatment of malaria (AIIMS 2018) Village health sanitation &amp; nutrition committee (AIIMS 2018) POSCO act (AIIMS 2018)</p> <p>2. Factories act and sickness benefit (NEET 2020, NEET 2018)</p> <p>3. NCEP-ATP III act (NEET 2020)</p> <p>4. RNTCP (NEET 2018)</p> <p>5. Anemia mukt Bharat (AIIMS 2020)</p> <p>6. Nikshay Poshan Yojna (AIIMS 2020)</p> <p>7. RBSK (AIIMS 2020)</p>	<p>1. Nikshay (N 18)</p> <p>AIIMS JUNE 2020</p> <p>1. NIKSHAY POSHAN YOJANA (Rs.500 /month)</p> <p>2. ANEMIA MUKT BHARAT for young girl</p> <p>3. HIV SENTINEL SURVEILLANCE</p> <p>4. DISEASE UNDER RBSK</p> <p>AIIMS 2018</p> <p>1. MENTAL HEALTH GAP PROGRAMME BY WHO</p> <p>2. MENTAL HEALTH ACT 2017</p> <p>3. SPIKES PROTOCOL</p> <p>4. MID DAY MEAL PROGRAMME PROTEIN AND CARB</p> <p>AIIMS 2019</p> <p>1. INTENSIFIED MALARIA CONTROL PARAMETERS UNDER NFMEP</p> <p>2. JSSK, LAQSHYA, PMSMY, AYUSHMAN BHARAT</p>

	<p>8.ASHA (AIIMS 2019)</p> <p>9.LAQSHYA(AIIMS 2019)</p> <p>10.Mission indhradhanush(NEET 2020)</p>	
<p><b>IMMUNIZATION &amp; VACCINES</b></p>	<p>1.Vaccines in a 18 month child (AIIMS 2017) Vaccine vial monitors (AIIMS 2017, 2018,2020) Immuniation in 13 month old (AIIMS 2018) BCG protects against CNS &amp; Disseminated TB (AIIMS 2018) NIS - National immuniation schedule (AIIMS 2017, 2018) Shake test (AIIMS 2018)</p>	<p>1. Mission Indradanush (N 18, 20)</p> <p>2. Time gap between two vaccinations (N 18)</p> <p><b>AIIMS JUNE 2020</b></p> <p>1. TETANUS ANTIBODY MINIMUM LEVEL FOR PROTECTION</p> <p><b>AIIMS 2018</b></p> <p>1.VACCINE UNDER NIS</p> <p>2.VACCINES SENSITIVE TO FREEZING AND SHAKE TEST</p> <p>3.BCG VACCINE PROTECTIVE ROLE</p> <p><b>AIIMS 2019</b></p> <p>1.ANTI RABIES VACCINE</p> <p>2. TYPHOID VACCINATION POST DISASTER</p> <p>3.PNEUMOCOCCAL VACCINE AND SICKLE CELL ANEMIA PATIENT</p> <p>4.MASS VACCINATION POST DISASTER</p>
	<p>2.vaccine contraindicated in pregnancy (NEET 2020)</p>	
	<p>3.Time gap between vaccines(NEET 2018)</p>	
	<p>4.Diphtheria vaccine (AIIMS 2020)</p>	
	<p>4.vaccine for pneumonia ( AIIMS 2019)</p>	
	<p>5.Mass vaccination done for polio (AIIMS 2019)</p>	
	<p>1.Urine bags (AIIMS 2017) Blood bag</p>	<p>1. Gloves ( N 20)</p> <p>2. Blood bags ( N 20)</p>

<b>BMW MANAGEMENT</b>	<p>(AIIMS 2018) Radiation hazard - Image(AIIMS 2018)</p> <p>2.Sharp waste ( NEET 2020 )</p> <p>3.Chemical waste ( NEET 2020 )</p> <p>4.Cytotoxic and expired drugs ( NEET 2018 )</p> <p>5. Used pacemakers ( AIIMS 2020 )</p> <p>6.latex gloves ( AIIMS 2020 )</p>	<p>3. Liquid chemical ( N 20)</p> <p><b>AIIMS 2018</b> 1.EMPTY BLOOD BAG-YELLOW 2.SPILL BLOOD DISINFECTION</p> <p><b>AIIMS 2019</b> 1.EXPIRED VACCINE,CATHETER,TORN REGISTRATION FORMS,ANTIBIOTIC BOTTLES 2.GLASSWARE,SCALPEL,GLOVES,SYRINGE WRAPER ,CYTOTOXIC DRUGS</p>
<b>EPIDEMIOLOGY</b>	<p>1.COMMUNICABLE DISEASES : PNEUMONIA MANAGEMENT (AIIMS 2017) Definitions of endemic, epidemic, pandemic and sporadic (AIIMS 2017, 2018) Periods of isolation of Measles (AIIMS 2018) Nipah virus life cycle (AIIMS 2018) MDR TB - Treatment (AIIMS 2018) Droplet precaution and isolation (AIIMS 2018) Visceral leishmaniasis - Treatment (AIIMS 2018)</p> <p>2.JE Virus vector and transmission (NEET 2020 ,2019)</p>	<p><b>Communicable diseases</b> 1. Japanese encephalitis- Vector, Transmission (N 19, 20) 2. Measles- Kopliks spots IBQ ( N 20) 3. Diphtheria prophylaxis ( N 20) 4. Mother to child transmission of HIV ( N 19) 5. IMNCI- Criteria for fast breathing ( N 19) 6. Congenital rubella syndrome ( N 19) 7. Diphtheria (N 19) 8. Malerimetric indices ( N 19) 9. Kala- azar ( N18)</p> <p><b>AIIMS JUNE 2020</b> 1. POST EXPOSURE PROPHYLAXIS FOR HIV 2.LIFECYCLE OF SCRUB TYPHUS AND VECTORS 3.COVID-19 DISINFECTION 4.DROPLET INFECTION TYPES AND PREVENTION NEEDED</p> <p><b>AIIMS 2018</b> 1.PERIOD OF ISOLATION 2.BSL3 LABS ORGANISM =PERTUSSIS</p>

	<p>3.measles koplik spots ibq (NEET 2020)</p> <p>4.Diphtheria prophylaxis (2020)</p> <p>5.mother to child hiv transmission (NEET 2019)</p> <p>6.IMNCI ( NEET 2019)</p> <p>7.rubella complication in pregnancy (NEET 2019)</p> <p>8.RABIES prophylaxis</p> <p>9.HIV prophylaxis (AIIMS 2020)</p> <p>10.Tetanus (AIIMS 2020)</p>	<p>3.EPIDEMIC,ENDEMIC AND SPORADIC DEFINITION</p> <p>4.ANTI -TB REGIMEN AND SIDE EFFECTS</p> <p>5.MDR DRUGS</p> <p>6.LEPROSY BLISTER PACK IMAGES</p> <p>AIIMS 2019</p> <p>1.LEVEL OF PREVENTION</p> <p>2.INFLUENZA</p> <p>3. DENGUE (MOSQUITO SPRAY)</p> <p>4. VECTOR IMAGE (TROMBICULID MITE,SAND FLY)</p> <p>5. MASS DRUG ADMINISTRATION - LYMPHATIC FILARIASIS,VIT A DEF,WORM INFESTATION</p> <p>6.VECTOR INDICES (MAN BITING RATE ,HUMAN BLOOD INDEX,INOCULATION RATE )</p> <p>7. AFP surveillance</p>
<p><b>INTERNATIONAL HEALTH</b></p>	<p>11.Health declarations (Match the following) (AIIMS 2017)</p>	

<p><b>HEALTH AND DISEASE</b></p>	<p>1. Diagram depicting natural history of disease (AIIMS 2017) Paradoxical carrier ( NEET 2019) Prevention level(NEET 2019) Genetic diseases risk (NEET 2019) PPE Covid ( NEET 2019)</p>	<p>1. Subcentre ( N 19) 2. Death certificate ( N 19) 3. Levels of prevention- Breast carcinoma screening ( N 19) 4. Paradoxical carrier ( N 19) 5. Direct transmission indirect transmission ( N 18)</p> <p><b>AIIMS 2018</b> 1. MATERNAL MORTALITY RATIO VS RATE 2. INFANTS TO BE REGISTERED IN SUBCENTER (CBR=20 AND POPULATION =5000)</p> <p><b>AIIMS 2019</b> 1. DEATH REGISTRATION-MEDICAL CERTIFICATE, DEATH REPORTING ( NOT BY CENSUS AND SRS) 2. ASHA FUNCTIONS 3. INFANT MORTALITY RATE</p>
<p><b>OCCUPATIONAL HEALTH</b></p>		<p>1. The factory act 1948 ( N 18, 20) 2. ESI- Extended sickness benefit ( N 20)</p>
<p><b>SCREENING</b></p>	<p>1) Prospective and immigrant screening (NEET 2020) (2) incidence and prevalence (AIIMS 2020) (3) PPV (NEET 2019) (4) Sensitivity (NEET 2018)</p>	<p>1. Prospective screening, immigrant screening( N20) 2. PPV (N 19) 3. Sensitivity ( N 18)</p>
<p><b>HEALTH PLANNING AND MANAGEMENT</b></p>	<p>1) Behavioural sciences methods (NEET 2020) 2) Cost analysis (NEET 2020)</p>	<p>1. Behaviour science- Methods (N 20)</p>

<b>ENVIRONMENT</b>	1)Indicators for air pollution monitoring(NEET 2020) 2)Sanitation methods (NEET 2019) 3)Disaster management (NEET 2019)	1. Air pollution indicators ( N 20) 2. Bleaching powder ( N 20) 3. Trench method ( N 19) 4. Hardness of water ( N 18) 5. Chlorination ( N 18)
<b>NUTRITION</b>	1.Mid-day meal program (AIIMS 2017, 2018) 2.RDA for Indians (AIIMS 2017) 3.Vitamin A prophylaxis ( NEET 2019) 4.RDA Woman (AIIMS 2020)	

<b>ENT</b>	<b>Marrow(Dr.SP, Dr.Suma)</b>	<b>Prepladder (Dr sahithya)</b>
<b>EAR</b>	1)BPPV Dix hallpike manouvre (2020 AIIMS) 2)Retractors images (2020 AIIMS) 3)Signs of otitis media (2020 AIIMS) 4)Tests of hearing (2020 AIIMS) 5)Auditory pathway (2020 AIIMS) 6)Superior scc syndrome (2019 AIIMS) 7)Calorie test (2018 AIIMS) 8)gelles test(2018 AIIMS) 9)meniers treatment(2018 AIIMS) 10)BPPV(2018 AIIMS) 11)noise induced hearing	1)PHARYNGEAL ARCHES(nerve from 6th arch,muscle from 1st arch) (NEET20,19) 2)BATTLE SIGN image(NEET20) 3)LANDMARK OF FACIAL NERVE IN PAROTID SURGERY IMAGE(NEET20) 4)NERVE INVOLVED IN COUGH REFLEXON SCRATCHING 5)FLOOR OF EXTAUDITORY MEATUS(NEET20) 6)TUBERCULAR OTITIS MEDIA OF MIDDLE EAR(NEET20)

	<p>loss(2017 AIIMS)          12)Pure tone audiometry(2017 AIIMS)          13)Mastoidectomy surgery image (2017 AIIMS)          14)Tubercular otitis media(2020 NEET)          15)Anatomy of eac with nerve supply(2020 NEET)          16)embryology of inner ear(2020 NEET)          17)tubercular otitis media (2019 NEET)          18)keratosis obturans(2019 NEET)          19)instruments for myringotomy,plasty(2018 NEET)          20)cochlear implant (2018 NEET)</p>	<p>7)MEATOPLASTY(NEET20)          8)ACQUIRED CHOLESTEATOMA IMAGE (NEET19)          9)FREYS SYNDROME(NEET19)          10)INFERIOR ALVEOLAR NERVE STRUCTURE IN MANDIBLE IMAGE(NEET19)          11)TOROUS TUBARIUS(NEET 18)          12)AUDITORY BRAIN STEM IMPLANT (NEET19)          13)COMPLICATIONS OF ACUTE OM(INICET20)          14)AUDITORY PATHWAY(INICET20,AIIMS NOV 19)          15)OBJECTIVE TESTS OF HEARING(INICET20)          16)INSTRUMENT-MOLLISONS MASTOID RETRACTOR(IAIIMS20)          17)VERTIGO -DIAGNOSTIC TEST,(AIIMS 20)          18)AUDIOMETRY AND DIAGNOSIS9AIIS 19)          19)SCC DEHISCENCE (AIIMS NOV19)          20)PAROTIDECTOMY NERVE INJURED(AIIMS NOV 19)          21)MENIERS DISEASE(AIIMS18) GELLES TEST (AIIMS 18)          22)INCUS IMAGE(AIIMS18) BPPV(AIIMSNOV18)          23)CALORIC TEST(AIIMS NOV18)          24)CORICAL MASTOIDECTOMY SURGERY IMAGE(AIIMS 17)</p>
<p><b>NOSE</b></p>	<p>1)Named cells of ethmoidal sinus (2020 AIIMS)          2)Posterior rhinoscopy (2020 AIIMS)          3)Arterial supply of nose (2020 AIIMS, 2019 AIIMS,2017 AIIMS)          4)PNS X ray views (2020 AIIMS)          5)nasal endoscopy (2020 AIIMS)          6)ohngrens line (2017 AIIMS)          7)pns development order (20107 AIIMS)          8)rhinosporidiosis(2017 AIIMS)          9)Epistaxis artery ligation (20017 AIIMS)</p>	<p>1)PARANASAL SINUSES XRAYS(NEET20,NEET18,INICET20)          2)ATROPHIC RHINITIS(NEET20)          3)ALLERGIC RHINITIS WITH MULTIPLE POLYP CT SCAN(NEET19)          4)ENDOSCOPIC IMAGE OF NASAL CAVITY (INICET20)          5)NLD SYRINGING IMAGE (AIIMS 20)          6)ANTERIOR MOST ETHMOIDAL AIR CELL IMAGE (AIIMS 20)          7)BRANCHES OF ECA OF NASALSEPTUM (AIIMS 19,AIIMS 17)          8)TARGET SIGN (AIIMS 17)</p>

	<p>10) kraissl lines langer lines (2017 AIIMS)</p> <p>11) x ray views (2020 NEET, 2018 NEET)</p> <p>12) atrophic rhinitis (2020 NEET)</p> <p>13) trotters method (2019 NEET)</p> <p>14) potts puffy tumour (2019 NEET)</p> <p>15) nasal septum anatomy fractures (2018 NEET)</p>	<p>9) DEVELOPMENT OF PARANASAL SINUSES (AIIMS 17)</p>
Pharynx	<p>1) risk factors of head n neck cancers (2019 AIIMS)</p> <p>2) 8th ajcc oral tumor staging (2018 AIIMS)</p> <p>3) Parapharyngeal spaces (2018 AIIMS)</p> <p>4) oral leucoplakia (2018 AIIMS)</p> <p>5) jna staging (2018 AIIMS)</p> <p>6) oropharyngeal swellings (2020 NEET)</p> <p>7) skull fractures (2020 NEET)</p> <p>8) tonsillitis (2018 NEET)</p>	<p>1) PERITONSILLAR ABSCESS (QUINSY) (NEET 20)</p> <p>2) ZENKER'S DIVERTICULUM IMAGE (NEET 20)</p> <p>3) DIPHTHERIA (NEET 19)</p> <p>4) ACUTE TONSILLITIS (NEET 18)</p> <p>5) NASOPHARYNGEAL CHORDOMA ARISES (NEET 18)</p> <p>6) JUVENILE NASOPHARYNGEAL ANGIOFIBROMA (AIIMS 18) - STAGING</p> <p>7) RYLES TUBE POSITION (AIIMS 18)</p> <p>8) CAUSE FOR SQUAMOUS CELL CA FOR HEAD AND NECK (AIIMS NOV 19)</p>
Larynx	<p>1) post laryngectomy voice production (AIIMS 2020)</p> <p>2) radical neck dissection (2019 AIIMS)</p> <p>3) larynx nerve palsies (2019 AIIMS)</p> <p>4) respiratory papillomatosis (2017 AIIMS 2019 NEET)</p> <p>5) stridor (2019 NEET)</p> <p>6) tracheostomy (2018 NEET)</p>	<p>1) INSPIRATORY STRIDOR (NEET 19)</p> <p>2) JUVENILE PAPILLOMATOSIS (NEET 19)</p> <p>3) HOARSENESS OF VOICE (NEET 19) -</p> <p>4) SECONDARIES IN NECK IMAGE</p> <p>5) SINGERS NODULE (NEET 18)</p> <p>6) HIGH TRACHEOSTOMY (NEET 18)</p> <p>7) TENSORS OF VOCAL CORD (NEET 18)</p> <p>8) FRAMEWORK OF LARYNX (INICET 20)</p> <p>9) VOICE PRODUCTION IN POST LARYNGECTOMY (AIIMS 20)</p> <p>10) ACUTE EPIGLOTTITIS (AIIMS 20)</p> <p>11) INDIRECT LARYNGOSCOPY IMAGE (AIIMS 20)</p> <p>12) TNM CLASSIFICATION OF CANCER OF LIP AND ORAL CAVITY (AIIMS 17)</p>

NEET PG RAD SYNAPSE

<b>OPHTHALMOLOGY</b>	<b>Marrow (by Dr. Aishwarya B)</b>	<b>Prep Ladder/Dams ( Dr.Tinu )</b>
<b>Anatomy and Physiology</b>	<ol style="list-style-type: none"> <li>1. Oculomotor N. (Nucleus location) (A17)</li> <li>2. Corneal epithelium layers (A20, N20)</li> </ol>	<ol style="list-style-type: none"> <li>1.EOM-<i>Superior oblique, Eyeball movements</i> (IBQ) (A19,A20)</li> </ol>
<b>Refractory Errors</b>	<ol style="list-style-type: none"> <li>1. Myopia (IBQ) (A17)</li> <li>2. Bifocal spectacle (IBQ) (A18)</li> <li>3. Astigmatism prescription (N18, 19)</li> <li>4. Presbyopia (N18)</li> </ol>	<ol style="list-style-type: none"> <li>1.Myopia(IBQ)-(A17)</li> <li>2.Snellen's chart-Angle calculation (A18)</li> <li>3.Executive bifocals-Use(IBQ) (A18)</li> <li>4.Astigmatism-Prescription (N18,N19)</li> </ol>
<b>Conjunctiva and sclera</b>	<ol style="list-style-type: none"> <li>1. Pterygium (IBQ) (A17, N19)</li> <li>2. Staphyloma (A17)</li> <li>3. Angular conjunctivitis (N18)</li> <li>4. Ophthalmia neonatorum (N18)</li> <li>5. A/c hemorrhagic conjunctivitis (N18)</li> </ol>	<ol style="list-style-type: none"> <li>1.Pterygium (Case + IBQ) - (A17,N19)</li> <li>2.Staphyloma-Case+IBQ (A17)</li> <li>3.Ophthalmia neonatorum -Mx (N18)</li> <li>4.Acute Hemorrhagic conjunctivitis-Organisms (N18)</li> </ol>

<p style="text-align: center;"><b>Cornea</b></p>	<ol style="list-style-type: none"> <li>1. Fungal corneal ulcers (Adjuvent Tx - A18) (case- A18) (N20)</li> <li>2. Penetrating injury (Mx) (A19)</li> </ol>	<ol style="list-style-type: none"> <li>1.Fungal keratitis -Features,Rx (N20,A18)</li> <li>2.Corneal Layers-Endothelium(N20),Endothelium(A20)</li> <li>3.Penetrating Inj. -Mx(IBQ) (A19)</li> <li>4.Kayser Flescheir Ring-Features (A20)</li> <li>5.Vortex Keratopathy -Causes (N20)</li> </ol>
<p style="text-align: center;"><b>Glaucoma</b></p>	<ol style="list-style-type: none"> <li>1. Sturge weber syndrome (A18)</li> <li>2. Cong glaucoma (Case + IBQ) (A18)</li> <li>3. IOL (Replacement indications ) (A19) ( Power calculation-Formulae names ) (A20)</li> <li>4. 100 Day Glaucoma (N18)</li> <li>5. Glaucoma implant (Ex-Press) (N19)</li> <li>6. Drugs in Glaucoma (Latanoprost) (N20)</li> </ol>	<ol style="list-style-type: none"> <li>1.Congenital Glaucoma ( IBQ+Case) (A18)</li> <li>2.Sturge Weber Synd. -Ocular findings(A18)</li> <li>3.Drugs Avoided in glaucoma (A18)</li> <li>4.Anti-Glaucoma Drugs and S/E -<i>Drugs used,Mannitol,Brimonidine(A19,N19,N20)</i></li> <li>5.Primary Open Angle Glaucoma (A20)</li> <li>6.100 Day Glaucoma (N18)</li> <li>7.Seton Sx (N19)</li> </ol>
<p style="text-align: center;"><b>Lens</b></p>	<ol style="list-style-type: none"> <li>1. After cataract (Elsching's pearls-IBQ) (A17)</li> <li>2. Posterior capsule opacification (Case) (A18)</li> </ol>	<ol style="list-style-type: none"> <li>1.Complications-Cataract Sx-<i>After-cataract (Case),CME,Post. capsular opacification, Endophthalmitis:Organisms &amp; Mx (A17,A18,N18)</i></li> <li>2.Cataract Sx -IOL implantation in YOUNG(a19)</li> <li>3.IOL Calculation-For different conditions (A20)</li> <li>4.Senile Cataract -Stages (N18)</li> </ol>
<p style="text-align: center;"><b>Uvea</b></p>	<ol style="list-style-type: none"> <li>1. Sympathetic ophthalmitis (N20)</li> </ol>	<ol style="list-style-type: none"> <li>1.Sympathetic ophthalmitis-Features(N20)</li> <li>2.Anterior Uveitis-Causes (A20)</li> </ol>

<b>Squint</b>	<ol style="list-style-type: none"> <li>Centres of conjugate eye movements (Vertical gaze) (A18)</li> <li>Convergent squint (Mx in children) (A19)</li> <li>Park 3 step test (A20)</li> <li>Yoke muscles (N18)</li> <li>Accommodative esotropia (N19)</li> <li>Cover uncover test (N19)</li> <li>Paralytic squint (DM-case) (N20)</li> <li>Esotropia (in hyperopsics) (N20)</li> </ol>	<ol style="list-style-type: none"> <li>Vertical Gaze-Nuclues(A18)</li> <li><b>SO</b> Palsy (A18)</li> <li>Comitant Squint -Rx (A19)</li> <li>Park 3 step test (A20)</li> <li>Yoke Muscles -Right Lateral Muscle(N18)</li> <li>Incomitant squint (Case) - (N20)</li> <li>Esotropia-Hypermotropia (N20)</li> <li>Cover-Uncover Test(IBQ) (N19)</li> </ol>
<b>Neuro - Ophthalmology</b>	<ol style="list-style-type: none"> <li>Optic tract pathway lesion (opt chiasma) (A17)</li> <li>6th Nerve palsy (IBQ) (A17)</li> <li>3rd Nerve Palsy (Features &amp; IBQ) (2) (A18, N18)</li> <li>Neuromyelitis optica (Case) (A18)</li> <li>INO (A18)</li> <li>Marcus gunn pupil (IBQ) (A19,20)</li> <li>Fixed dilated pupils (Workup) (A20)</li> <li>Argyll Robertson Pupil (N18)</li> </ol>	<ol style="list-style-type: none"> <li>Visual field defects-<i>Optic chiasma, Optic Tract</i> (N20) (A17)</li> <li>6th Nerve Palsy (IBQ) (A17)</li> <li>3rd Nerve Palsy-Diabetic : <i>Features</i>(A18) (N18),<i>IBQ</i>(N20)</li> <li>INO(A18)</li> <li>RAPD-Marcus Gunn Pupil (IBQ) (A19)</li> <li>Drugs for Fixed dilated pupil (A20)</li> <li>Argyll Robertson Pupil-Features (N18)</li> <li>Oculocardiac reflex(N18)</li> </ol>
<b>Ophthalmology Instruments</b>	<ol style="list-style-type: none"> <li>Dynamic contour tonometer (Pascal) (</li> </ol>	<ol style="list-style-type: none"> <li>Tonometry test-IBQ (A17)</li> <li>Stenopic slit -USES (A18)</li> </ol>

	<b>IBQ) (A17)</b> <b>2. Stenopic split test (Uses) ( A18)</b> <b>3. Snellens chart (Angle subtended) (A18)</b> <b>4. Titmus Stereopsis test (IBQ) ( A19)</b> <b>5. Maddox rod (N19)</b>	<b>3.Titmus Fly Test-IBQ (A19)</b> <b>4.Maddox Rod (IBQ) (N19)</b>
<b>Retina</b>	<b>1. Diabetic retinopathy (FFA image of PDR -IBQ - A17) (Screening- A19 ) (ETDRS A19)</b> <b>2. Stargadt disease (Silent choroid) (A17)</b> <b>3. Chloroquine toxicity (Bulls eye retinopathy IBQ) (A18)</b> <b>4. Retinal layers (HPE-IBQ) (A18,19)</b> <b>5. Blindspot expansion (A19)</b> <b>6. Serous retinal detachment (Choroidal melanoma IBQ) (A19)</b> <b>7. Roth spots (N18)</b> <b>8. Retinitis pigmentosa (N19)</b> <b>9. Retinoblastoma chemo regime (N19)</b> <b>10. Retinal detachment (Exudative) (N20)</b>	<b>1.Stargadts disease (IBQ)-(A17)</b> <b>2.Diabetic retionapathy (IBQ,Screening &amp;Follow-up, ETDRS use)- (A17,A19)</b> <b>3.Layers of RETINA (IBQ) (A18,A19)</b> <b>4.Blind Spot enlargement -Conditions (A19)</b> <b>5.CRAO -Case (N18)</b> <b>6.Retinal detachment-Exudative(N20)</b> <b>7.Retinoblastoma-Chemotherapy Agents (N19)</b> <b>8.Retinitis Pigmentosa (N19)</b>
<b>Lids, Lacrimal apparatus and orbit</b>	<b>1. Eyelid Tumors (m/c Epithelial tumor) (A17)</b> <b>2. Ptosis (IBQ) (A17)</b> <b>3. Myasthenia gravis (case) (A17, N19)</b>	<b>1.Ptosis (IBQ) -(A17)</b> <b>2.Ptosis-Myasthenia Gravis(Case)-(A17,N19)</b> <b>3.Lacrimal gland tumour-MC -(A17)</b> <b>4.Ocular Injury-Blunt Trauma (IBQ) (A19)</b> <b>4.Horner Syndrome (A20)</b>

	<p>4. Blow out # (N18)  5. Ptosis Surgical Tx (N19,20 CT image)  6. Distichiasis (N20)  7. Thyroid Ophthalmoplegia (N20)</p>	<p>5.Orbital Cellulitis (N18)  6.Blow out #-Features (N18,19)  7.Cavernous Sinsus thrombosis -Features (N20)  8.Thyroid Eye disease-Features ( N20)  9.Distichiasis (N20)  10.Ptosis-Surgeries (N19)</p>
<b>Macula</b>	<p>1. Hypotonic Maculopathy (A17)  2. AMD (Drusen HPE IBQ) (A18)  3. CME (FFA-IBQ) (A18)  4. Macular ischemia (FFA IBQ) (A19)</p>	<p>1.Hypotonic maculopathy-Case(A17)  2.ARMD-Drusen (IBQ) (A18)  3.Macular ischemia -FFA (IBQ) (A19)  4.Macular Function Tests(N20)  5.Macular edema-Causes(N20)</p>
<b>Miscellaneous</b>	<p>1. Endophthalmitis (Mx) (A17, N18)  2. Ocular manifestations of Dengue (A18)  3. Anterior Ethmoidal block (IBQ) (A20)</p>	<p>1.Dengue virus infection-Ocular manifestations(A18)  2.Drugs S/E &amp; depositions - <i>Amiodarone, Digoxin, Systemic Steroids, Hydroxychloroquine</i> (A19)  3.Role of Steroids &amp; S/E In EYE (A19)  4.Treatment protocol-ointments,eyedrops (A20)  5.Toxic Optic neuropathy- Causative Drugs (A20)  6.Ant. Ethmoidal N. block (IBQ) (A20)</p>

NEET PG RAD SYNAPSE

MEDICINE	Marrow (Dr.Gaurav)	DAMS/PREP (Dr.Upasana Yadav)
<b>Cardiology</b>	1.infective endocarditis neet18	<b>INICET 2020</b> 1.TREATMENT AND APPROACH TO UNSTABLE NARROW COMPLEX QRS TACHYCARDIA 2.ECG -ST DEPRESSION AND T INVERSION+TROP INCREASED (NSTEMI) MANAGEMENT 3.BEST CARDIAC MARKERS WITHIN 2-4 HOURS OF STEMI 4.HOCM (ECG-GIANT T WAVE INVERSION)( TREATMENT ) 5.MURMUR OF HOCM 6.ADEQUATE CPR  <b>AIIMS JUNE 2020</b> 1.NSTEMI 2.RESISTANT HYPERTENSION  <b>AIIMS NOV 2019</b> 1. PSVT MANAGEMENT UNSTABLE 2.TDP/POLYMORPHIC VT MANAGEMENT 3.MULTIFOCAL ATRIAL TACHYCARDIA 4.HEART FAILURE NEW DRUGS  <b>AIIMS MAY 2019</b> 1.POSTURAL HYPOTENSION DEFINITION 2.JVP DEEP Y DESCENT 3.MULTIFOCAL ATRIAL TACHYCARDIA  <b>AIIMS MAY 2018</b> 1. TREATMENT OF CARDIVASCULAR SYPHILLIS 2..A WAVE IN JVP 3.ATRIAL FIBRILLATION ECG 4.TAKUTSUBO CARDIOMYOPATHY  <b>AIIMS NOV 2018</b>
	2.automated defibrillator indications neet18	
	3.ecg changes Hypokalemia neet18 neet19	
	4.hypertension management neet18	
	5.takutsubo cardiomyopathy neet18	
	6.conditions associated with AV block neet18	
	7.psvt neet19	
	8.mitral stenosis neet19	
	9.wpw syndrome neet19	
	10.osborn waves neet19	
	11.ventricular tachycardia neet19	
	12.variations in murmurs on bedside manoeuvres neet19	
	13.different types of pulses neet20	
	14.heart failure neet20 x2	
	15.syncope workup neet20	

		<p>1.MULTIFOCAL ATRIAL TACHYCARDIA  2.CARDIAC TAMPNAD E VS TENSION PNEUMOTHORAX  3,ECG AXIS OF 90 DEGREE  4.CARDIAC TAMPONADE BP MEASUREMENT INSTRUCTION  5.RELATIVE BRADYCARDIA INFECTION</p>
<b>Endocrinology</b>	<p>1.diabetes insipidus neet 18  2.prolactinoma neet18  3.grave disease neet18  4.obesity and it's relation to hormones neet19  5.hyperparathyroidism neet19  6.hypothyroidism neet20  7.pituitary apoplexy neet20 AND diabetic ketoacidosis neet20</p>	<p>INICET2020  1.ACROMEGALY TRANSCRIPTION FACTOR INVOLVED  2.HASHIMOTOS ( HYPOTHYROIDISM )  3.SECONDARY HYPERPARATHYROIDISM</p> <p>AIIMS JUNE 2020  1. DYSLIPIDEMIAS  2. DIABETES ( PRAYER HAND DEFORMITY)</p> <p>AIIMS NOV 2019  1.CKD PATIENT MANAGMENT  2.VITAMIN D TOXICITY HYPERCALCEMIA  3.SHEEHANS SYNDROME  4.ADDISON DISEASE</p> <p>AIIMS MAY 2018  1.MYXEDEMA COMA</p>
<b>Nephrology</b>	<p>1.liddle syndrome neet 18</p>	<p>INICET2020  1.COMPLICATION IN CKD PATIENTS  2.SECONDARY MPGN</p> <p>AIIMS JUNE 2020  1. UREMIC SYMPTOMS AND DIALYSIS</p> <p>2. BUN AND HYPERCALCEMIA CAUSING AKI  3.ACUTE RENAL FAILURE +HYPERKALEMIA+ INCREASED SUGAR =FUID OF CHOICE</p> <p>AIIMS NOV 2019  1.ABG PROCEDURE AND INTERPRETATION QUESTION</p>

		<p><b>2.ALPORT</b></p> <p><b>AIIMS MAY 2018</b>  <b>1.ABG COMPENSATION</b></p> <p><b>AIIMS NOV2018</b>  <b>1.ABG PROCEDURE</b>  <b>2. ABG INTERPRETATION( DELTA ANION GAP CONCEPT)</b></p>
<b>GIT</b>	<p><b>1.wipples disease neet18</b></p> <p><b>2.child turcotte pugh score neet19</b></p> <p><b>3.CD vs UC neet19</b></p> <p><b>4.cushing ulcer neet19</b></p> <p><b>5.celiac disease neet20</b></p>	<p><b>INICET2020</b>  <b>1.PYODERMA GANGRENOSUM &amp; UC</b>  <b>2.WILSON DISEASE AND KF RING</b>  <b>3.SAAG AND ASCITES CAUSE</b></p> <p><b>AIIMS MAY2020</b>  <b>1. MELD SCORE COMPONENT</b>  <b>2. HEPATITIS B SEROLOGY INTERPRETATION</b>  <b>3.UNCONJUGATED HYPERBILIRUBINEMIA</b>  <b>4. CELIAC SPRUE</b></p> <p><b>AIIMS NOV 2019</b>  <b>1.WILSON DISEASE MANAGEMENT</b>  <b>2.HEPATITIS B SEROLOGY</b></p> <p><b>AIIMS MAY 2018</b>  <b>1.LACTOSE INTOLERANCE AND OSMOTIC DIARRHEA</b>  <b>2.HEPATITIS B SEROLOGY</b></p> <p><b>AIIMS NOV 2018</b>  <b>1.MALABSORPTION SYNDROME ILEAL DISEASE</b>  <b>2.MARKER OF ALCOHOLIC HEPATITIS (GGT)</b></p>
<b>Hematology</b>	<p><b>1.sickle cell anemia neet18</b></p> <p><b>2.optimal donor neet19</b></p> <p><b>3.itp treatment neet19</b></p>	<p><b>INICET2020</b>  <b>1.MEGALOBLASTIC ANEMIA (HYPERPIGMENTED KNUCKLE)</b></p> <p><b>AIIMS JUNE 2020</b>  <b>1.MASSIVE BLOOD TRANSFUSION</b></p>

	<p>4.pnh neet19</p> <p>5.wiskot aldrich and other differentials neet20</p> <p>5.polyarteritis nodosa neet20</p> <p>6.sickle cell anemia neet20</p>	<p><b>DYSELECTROLEMIA</b></p> <p><b>AIIMS NOV 2019</b></p> <p><b>1.BONE MARROW BIOPSY PROCEDURE AND CONTRAINDICATION</b></p>
<b>Neurology</b>	<p>1.lateral medullary syndrome neet 18</p> <p>2.myasthenia gravis neet18</p> <p>3.weber syndrome neet18</p> <p>4.brown sequard syndrome neet18</p> <p>5.wilson disease neet18</p> <p>6.gullaine barrie syndrome neet19 x2</p> <p>7.trigeminal neuralgia neet19</p>	<p><b>INICET 2020</b></p> <p><b>1.SUBACUTE COMBIINED DEGENERATION OF CORD (SPINAL CORD LESION)</b></p> <p><b>2.ABSENCE SEIZURE TREATMENT</b></p> <p><b>3.NEUROCYSTECERCOSIS MANAGMENT</b></p> <p><b>4.MYASTHENIA GRAVIS( DRUGS TO BE AVOIDED)</b></p> <p><b>AIIMS JUNE 2020</b></p> <p><b>1. GULLAINE BARRIE SYNDROME</b></p> <p><b>2.BRAINSTEM STROKE (PICA ARTERY )</b></p> <p><b>3.ALPHA SYNUCLEOPATHY AND TAU PATHY</b></p>

**NEET PG RAD SYNAPSE**

	<p>8.normal pressure hydrocephalus neet20</p> <p>9.(differential diagnosis of dementia)</p> <p>10.types of aphasia neet20</p> <p>11.multiple sclerosis neet20</p> <p>12.duchene and beckers neet19</p>	<p>4.TIA AND ABCD2 SCORE</p> <p>5.GLASGOW COMA SCALE</p> <p>6.SIDE EFFECTS OF ANTIEPILEPTIC</p> <p>7. BRAINSTEM DEATH AND IDEAL DONOR</p> <p>8.INTERNAL CAPSULE LESION</p> <p>AIIMS NOV 2019</p> <p>1.SSPE</p> <p>2.JME MANAGEMENT</p> <p>3.DELIRIUM TREMENS</p> <p>AIIMS MAY 2019</p> <p>1.BERRY ANEURYSM</p> <p>2.PREGNANCY AND STROKE MANAGEMENT</p> <p>3.EEG PATTERN AND CJD</p> <p>4.TRANSVERSE MYELITIS AND NMO</p> <p>5.TIGROID PATTERN ON MR SPECTROSCOPY</p> <p>AIIMS MAY 2018</p> <p>1.STROKE</p> <p>2.PONTINE MYELINOSIS SYNDROME</p> <p>3.LOCKED IN SYNDROME</p> <p>4,QUECKENSTEDT'S TEST</p> <p>AIIMS NOV 2018</p> <p>1.TABES DORSALIS</p> <p>2.FRONTAL LOBE LESION</p> <p>3.NMO VS MS</p> <p>4.PARACENTRAL LOBULE LESION</p> <p>5.ISCHEMIC STROKE AND BLOOD PRESSURE MANAGMENT IN ISHCHEMIC STROKE PATIENT</p>
<p><b>Connective Tissue Disorders</b></p>	<p>1.rheumatoid arthritis neet18</p> <p>2.cANCA pANCA differential neet18</p> <p>3.rheumatoid arthrtis neet19</p> <p>4.sle neet19</p> <p>5.limited and diffuse sclerosis neet20</p>	<p>INICET2020</p> <p>1.RHEUMATOID ARTHRITIS</p> <p>2.GOUTY ARTHRITIS MANAGMENT</p> <p>AIIMS JUNE 2020</p> <p>1. REACTIVE ARTHRITIS</p> <p>AIIMS NOV 2019</p> <p>1. AUTOIMMUNE DISEASE AND ANTIBODIES</p> <p>2.ARTHRITIS ( EXTENDED QUESTION)</p> <p>3.VIRAL MYOSITIS V/S MUSCULAR</p>

		<p><b>DYSTROPHY</b>  <b>4.CHRONIC GOUT MANAGMENT</b></p> <p><b>AIIMS MAY 2019</b>  <b>1.RHEUMATOID ARTHRITIS</b>  <b>2.SLE</b></p> <p><b>AIIMS MAY 2018</b>  <b>1.RHEUMATOID ARTHRITIS</b></p>
<p><b>Pulmonology</b></p>	<p><b>1.ards severity neet18</b></p> <p><b>2.golds criteria copd neet18</b></p> <p><b>3.abpa neet18 AND</b>  <b>4.intrinsic extrinsic brittle asthma neet18</b></p> <p><b>5.pft of obstructive vs restrictive neet19</b></p> <p><b>6.management of copd neet20</b></p> <p><b>7.tension pneumothorax neet20</b></p> <p><b>8.Wells criteria pulm embolism neet20</b></p>	<p><b>INICET 2020</b>  <b>1. DRUG DECREASE MORTALITY IN COVID 19 CRITICALLY ILL</b>  <b>2.OCCUPATIONAL LUNG DISEASE</b>  <b>3.DRUGS AVOIDED IN SEVERE COVID 19 PATIENT</b>  <b>4.HIGH FLOW NASAL CANNULA</b>  <b>5.ADMISSION CRITERIA OF COVID 19 PATIENT</b>  <b>6.COPD SPIROMETER PARAMETER</b>  <b>7.HIGH ANION GAP ACIDOSIS (ABG )</b>  <b>8.BRONCHIECTASIS</b>  <b>9.ILD</b>  <b>10.GRAPH OF ABG</b></p> <p><b>AIIMS JUNE 2020</b>  <b>1.MYCOPLASMA PNEUMONIA</b>  <b>2. MANAGMENT OF MASSIVE HEMOPTYSIS</b>  <b>3. GINA GUIDELINE FOR ASTHAMA</b>  <b>4.COVID 19 PREVENTION MASK AND SANITIZER</b></p> <p><b>AIIMS NOV 2019</b>  <b>1.EXACERBATION OF COPD</b>  <b>2.RENAL PULMONARY SYNDROME</b>  <b>3.PULMONARY MANIFESTATION OF ANTHRAX</b>  <b>4.COMMUNITY ACQUIRED PNEUMONIA MANAGMENT</b></p> <p><b>AIIMS MAY 2019</b>  <b>1.LIGHTS CRITERIA IN PLEURAL</b></p>

		<b>FLUID</b> <b>2.MECHANICAL VENTILATION MODE AND METABOLIC ALKALOSIS</b>  <b>AIIMS NOV 2018</b> <b>1.TB TREATMENT</b> <b>2.TENSION PNEUMOTHORAX MANAGEMENT</b>
<b>Infections</b>	<b>1.hiv neet18 x2</b> <b>2.hepatitis neet18</b> <b>3.hepatitis hiv cotreatment neet18</b> <b>4.meningococcal meningitis prophylaxis neet18</b> <b>5.aids defining illness neet19</b> <b>6.pjp hiv neet19</b>	<b>INICET 2020</b> <b>1.DENGUE MANAGMENT</b>  <b>AIIMS JUNE 2020</b> <b>1. POST EXPOSURE PROPHYLAXIS FOR HIV</b>  <b>AIIMS NOV 2019</b> <b>1. DENGUE</b> <b>2.INFECTION POST TRANSPLANT</b> <b>3.DENGUE HEMORRHAGIC FEVER DISCHARGE CRITERIA</b>  <b>AIIMS NOV 2018</b> <b>1. SYPHILLIS ( TABES DORSALIS)</b>
<b>Miscellaneous</b>	<b>1.ACID BASE DISORDER (EVERY PAPER 2TO3 DIRECT QUES)</b>	<b>AIIMS JUNE 2020</b> <b>1.Calculation of sodium deficit</b>  <b>AIIMS MAY 2019</b> <b>1.ANION GAP CALCULATION</b>  <b>AIIMS NOV 2018</b> <b>1.RYLES TUBE INSERTION PROCEDURE</b>

<b>SURGERY</b>	<b>MARROW ( DR K.HEMALATHA )</b>	<b>PREPLADDER (Dr. Pooja)</b>
<b>GENERAL SURGERY</b>	<ol style="list-style-type: none"> <li>1.Chromic catgut suture (neet'18)</li> <li>2.Retractors - images (neet'18)</li> <li>3.Keloid scar features (neet'18)</li> <li>4.Types of knot images (neet'19)</li> <li>5.Size of blade images (neet'19)</li> <li>6.Ryles tube position while inserting (aiims'18, aiims'19)</li> <li>7.IV canula - color coding (aiims'18, aiims'19, aiims'20)</li> <li>8.Post-op pulmonary complications (aiims'19)</li> <li>9.Surgical site infections (aiims'19)</li> <li>10.Cautery - images (aiims'19)</li> <li>11.Drains - images (aiims'19, aiims'20)</li> <li>12.Veress needle image (aiims'19)</li> <li>13.Negative pressure wound therapy (aiims'19)</li> <li>14.Types of ulcer (aiims'20)</li> <li>15.Surgical positions - images (aiims'20)</li> </ol>	<ol style="list-style-type: none"> <li>1.Keloid scar (N18)</li> <li>2.Best graft for femoropopliteal bypass(N18)</li> <li>3.standard technique used currently for resection anastomosis of bowel is a one layer 4.extra mucosal suture technique (N18)</li> </ol>

NEET PG RAD SYNAPSE

<p style="text-align: center;"><b>TRAUMA</b></p>	<ol style="list-style-type: none"> <li>1)GCS - score calculation (neet'18, aiims'18, aiims'19)</li> <li>2)Compartment syndrome - fasciotomy (neet'18)</li> <li>3)Modified shock index (neet'18)</li> <li>4)Tension pneumothorax - ICD placement (neet'19, aiims'18, aiims'19, aiims'20)</li> <li>5)Blast injury - organs involved (neet'19)</li> <li>6)Revised trauma score - components (neet'19)</li> <li>7)ASEPSIS wound score - components (neet'20)</li> <li>8)ATLS steps - primary survey (neet'20)</li> <li>9)eFAST - sites, expansion (neet'20, aiims'20)</li> <li>10)Southampton wound grading (aiims'19)</li> <li>11)Leukoreduction filter - image given, use asked (aiims'19)</li> <li>12)qSOFA - components(aiims'19, aiims'20)</li> <li>13)SIRS criteria (aiims'19)</li> <li>14)Bedsore - staging (aiims'19)</li> <li>15)Zones of retroperitoneal trauma (aiims'20)</li> <li>16)Wallace rule of 9 - burns (aiims'20)</li> <li>17)Massive blood transfusion - adverse effects (aiims'20)</li> </ol>	<ol style="list-style-type: none"> <li>1)Surgical site infection rate (A19)</li> <li>2)Treatment priorities in the management of massive hemoptysis(A19)</li> <li>3)Modified shock index(A19)</li> <li>4)Compartment syndrome- fasciotomy(N18)</li> <li>5)calculate percentage of burns(aiims19)</li> <li>6)GCS Score calculation (N18,A19)</li> <li>7)Bed score staging (A19)</li> <li>8)VAC-Principle neagatve pressure wound therapy(A19)</li> <li>9)SIRS features (A19)</li> <li>10)qSOFA-(A19, INI)</li> <li>11)post exposure prophylaxis for tetanus (A19)</li> <li>12)southampton grading(A19,N18)</li> <li>13)RTS (revised trauma score) (N19)</li> <li>14)Sebaceous cyst(N20)</li> <li>15)Pleomorphic adenoma (N20)</li> <li>16)blast injury-organ involved (n20)</li> <li>17)correct way of putting the intercostal drain to prevent neruovascular bundle damage (N20)</li> <li>18)eFAST (N20)</li> <li>19)Steps of ATLS (N20)</li> <li>20)ASEPSIS wound score (n20)</li> </ol> <p>reverse trendelenberg position imagr inicet</p> <p>a/c mesenteric ischemia ini neuropathic ulcer image ini</p> <p>Massive blood transfusion - adverse effects (aiims'20)</p>
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NEET PG RAD SYNAPSE

<p style="text-align: center;"><b>BREAST</b></p>	<ol style="list-style-type: none"> <li>1. Microdochectomy (neet'18)</li> <li>2. Extra mammary pagets disease - m/c site (neet'18)</li> <li>3. Van nuys grading for DCIS - components (neet'18)</li> <li>4. Drugs used in breast cancer (neet'19, aiims'20)</li> <li>5. Breast abscess managemnt (neet'19)</li> <li>6. Flap images (neet'20)</li> <li>7. Sentinal lymph node biopsy - image (aiims'18)</li> <li>8. Mondors disease - image (aiims'19)</li> <li>9. Locally advanced breast cancer (aiims'19)</li> <li>10. Inflammatory breast cancer - image (aiims'20)</li> <li>11. Breast carcinoma - investigations (aiims'20)</li> </ol>	<ol style="list-style-type: none"> <li>1. Van Nuys grading system for DCIS(N18)</li> <li>2. Microdochectomy(N18)</li> <li>3. Classification of LABC (A19)</li> <li>4. mondor's disease (A19)</li> <li>5. sentinel LN Bx image (A18)</li> <li>6. recurrent breast abscess mxt (N19)</li> <li>7. tomoxifen in breast ca(N20)</li> <li>8. DIEP flap image(N20)</li> <li>9. Breast mass- investigation = Bx, mammography (Ini)</li> <li>10. m/c nerve injured in breast sx (ini)</li> </ol>
<p style="text-align: center;"><b>THYROID AND OTHER ENDOCRINE ORGANS</b></p>	<ol style="list-style-type: none"> <li>1. Hashimotos thyroiditis - histopath img, features (neet'18, aiims'20)</li> <li>2. Parathyroid gland placement post-operatively (neet'19)</li> <li>3. Surgical approach for retrosternal goitre (neet'19, neet'20)</li> <li>4. MEN 1 syndrome (neet'20)</li> <li>5. Miami criteria for intra-op parathyroid hormone replacement (neet'20)</li> <li>6. Post-op complications of B/L adrenelectomy (neet'20)</li> <li>7. Thyroid storm - causes (aiims'18, aiims'19)</li> <li>8. Video based - lahey's method of thyroid palpation (aiims'19)</li> <li>9. Nerves injured in thyroid surgery (aiims'20)</li> <li>10. Thyroid FNAC - sample (aiims'20)</li> </ol>	<ol style="list-style-type: none"> <li>1. hashimoto thyroiditis H/P/E (N18)</li> <li>2. Thyroid storm in thyroidectomy cause (A19)</li> <li>3. retrosternal goitre surgical approach (n20)</li> <li>4. Parathyroid gland placement post-operatively (n19)</li> <li>5. addison crisis (n20)</li> <li>6. miami criteria of pth (n20)</li> <li>7. MEN 1 syndrome (N20)</li> <li>8. m/c nv injured in thyroid sx (ini)</li> <li>9. inflammatory carcinoma image ini</li> </ol>

GIT	<ol style="list-style-type: none"> <li>1. Method of resection &amp; anastomosis of bowel (neet'18)</li> <li>2. Hemangioma liver - histopath img (neet'18)</li> <li>3. Ligament of trietz - img (neet'18)</li> <li>4. Chronic pancreatitis - m/c/c (neet'18)</li> <li>5. Pancreatic cancer - tissue for diagnosis (neet'18)</li> <li>6. Congenital hypertrophic pyloric stenosis (neet'18, aiims'20)</li> <li>7. Crohns disease - features, signs (neet'18)</li> <li>8. Named surgeries - hellers myotomy asked (neet'18, aiims'18)</li> <li>9. Barrett's esophagus (neet'18)</li> <li>10. Named procedures - dohlman's procedure asked (neet'19)</li> <li>11. Rectal carcinoma (neet'19)</li> <li>12. Gasless abdomen (neet'19)</li> <li>13. Gall stones (neet'19)</li> <li>14. Endoscopic findings of esophagitis (neet'19)</li> <li>15. Hinchey classification (neet'20)</li> <li>16. Biliary obstruction- gall stones (neet'20)</li> <li>17. MRCP - PSC image (neet'20)</li> <li>18. Kings college criteria for liver transplantation (neet'20)</li> <li>19. Insulinoma (neet'20, aiims'19)</li> <li>20. Barium swallow images (neet'20)</li> <li>21. Spontaneous perforation of esophagus (neet'20)</li> <li>22. Chicago classification (neet'20)</li> </ol>	<ol style="list-style-type: none"> <li>1) Hinchey classification (N20)</li> <li>2) King's George criteria for liver Tx (N20)</li> <li>3) Barrett's esophagus - has mucus secreting goblet cells (N18)</li> <li>4) Crohn's disease earliest sign (N18)</li> <li>5) Crohn's disease - symptomatic relapse after surgery (N18)</li> <li>6) CHPS (N18, INI)</li> <li>7) Pancreatic ca - best method for obtaining tissue for diagnosis (N18)</li> <li>8) Extramammary Paget's disease is seen in (N18)</li> <li>9) M/C/C of chronic pancreatitis (N18)</li> <li>10) Lig of Treitz (N18)</li> <li>11) Tillaux sign (N19)</li> <li>12) MxT of variceal bleeding (A19)</li> <li>13) Pancreatitis - investigation (A19)</li> <li>14) Achalasia cardia - Heller operation (A19, N18)</li> <li>15) SBO vs LBO differentiation (A19)</li> <li>16) Extrahepatic biliary atresia - anomalies (cardiac lesion, polysplenia, situs inversus, absent vena cava, preduo portal vein) &amp; portoenterostomy procedure done (A18)</li> <li>17) Liver mets - colon, breast, melanoma (A18)</li> <li>18) Vitelline cyst image - usg ioc (A18)</li> <li>19) Triple bubble sign - jejunal atresia (A18)</li> <li>20) SMA syndrome (A18)</li> <li>21) Triangle of doom (in icet, N20)</li> <li>22) Multivisceral graft are rarely used in intestinal Tx (A20)</li> <li>23) CMV Esophagitis - serpiginous ulcers (N20)</li> <li>24) m/c GB stone (N20)</li> <li>25) Gasless abdomen (N20)</li> <li>26) Achalasia cardia Chicago classification (N20)</li> <li>27) Spontaneous perforation of esophagus (N20)</li> <li>28) M/C NET OF pancreas (A)</li> <li>29) PSC MRCP image (N20)</li> <li>30) ERCP indication (N20)</li> <li>31) Pneumoperitoneum xray image</li> </ol>
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	<p>23. Triangle of doom, myopectineal orifice (aiims'18, aiims'20)</p> <p>24. Superior mesenteric artery syndrome (aiims'18)</p> <p>25. Jejunal atresia - management (aiims'18)</p> <p>26. Congenital umbilical anomaly (aiims'18)</p> <p>27. Cancer mets to liver - primary site (aiims'18)</p> <p>28. Extra hepatic biliary atresis - associated anomalies (aiims'18)</p> <p>29. Organ visualised to differentiate small &amp; large bowel obstruction (aiims'18, aiims'19)</p> <p>30. Acute pancreatitis - investigations (aiims'19)</p> <p>31. Acute variceal bleeding management (aiims'19, aiims'20)</p> <p>32. Bowel perforation management (aiims'20)</p> <p>33. Biliary dyskinesia (SOD) (aiims'20)</p> <p>34. ERCP - uses (aiims'20)</p> <p>35. Hernia - ideal mesh, European hernia society classification of incisional hernia (aiims'20)</p> <p>36. Carcinoma colon - gene mutations (aiims'20)</p> <p>37. Achalasia cardia (aiims'20)</p> <p>38. Acute mesenteric ischemia (aiims'20)</p> <p>39. Strasberg classification (aiims'20)</p> <p>40. Retroperitoneal tumors (aiims'20)</p> <p>41. Mesenteric cyst - tillaux sign (aiims'20)</p> <p>42. Management of pneumoperitoneum (aiims'20)</p>	<p>(N20)</p> <p>32) strasberg classification of bile leak incet</p> <p>33) ercp indication incet</p> <p>34) fearon vogelstein adenoma-ca multistep model ini</p>
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<p style="text-align: center;"><b>UROLOGY</b></p>	<ol style="list-style-type: none"> <li>1.Hydronephrosis - retrograde pyelogram (neet'18)</li> <li>2.Renal stones type &amp; management based on size (neet'18, aiim'19)</li> <li>3.Seminoma (neet'18)</li> <li>4.Acute bacterial prostatitis (neet'18)</li> <li>5.Drugs causing ca.bladder (neet'19)</li> <li>6.Retrograde cystourethrogram image - penile urethral stricture (neet'20)</li> <li>7.Renal cell carcinoma - management (neet'20)</li> <li>8.Types of urethral injury (neet'20)</li> <li>9.ESWL (aiims'18)</li> <li>10.Testicular tumors - management (aiims'18)</li> <li>11.Undescended testis - management (aiims'19)</li> <li>12.Testicular torsion - management (aiims'19)</li> </ol>	<ol style="list-style-type: none"> <li>1)Undescended testis mxt(A19)</li> <li>2)M/C organism causing acute bacterial prostatitis(N18)</li> <li>3)Seminoma (N19)</li> <li>4)Renal stones-laxative abuse (N18)</li> <li>5)Hydronephrosis-Retrograde pyelogram image(N18)</li> <li>6)Testicular torsion mxt (A19)</li> <li>7)PCNL indication (A19)</li> <li>8)T/t of non seminomatous germ cell tumor stage 1 (A18)</li> <li>9)ESWL-indications (A18)</li> <li>10)RCC-M/c variant is adenocarcinoma (N20)</li> <li>11)Drugs causing ca.bladder (n19)</li> <li>12)bulbar urethra injury (N20)</li> <li>13)RGU Image of penile urethral stricture (N20)</li> <li>14)european hernia society classification of incisional hernia (ini)</li> <li>15)colon ca markers ini</li> <li>16)hernioplasty-lightweight mesh with large pores used aiims 20</li> <li>17)retroperitoneal trauma zones aiims</li> </ol>
<p style="text-align: center;"><b>NEUROSURGERY</b></p>		
<p style="text-align: center;"><b>HEAD AND NECK</b></p>	<ol style="list-style-type: none"> <li>1.Branchial cyst - m/c site(neet'19)</li> <li>2.Pleomorphic adenoma - image (neet'19)</li> <li>3.Sebaseous cyst - image (neet'19)</li> <li>4.Freys syndrome (neet'19)</li> <li>5.Post parotidectomy complications (aiims'19)</li> <li>6.Radical neck dissection - what is spared (aiims'19)</li> <li>7.Nerves injured in parotidectomy (aiims'20)</li> </ol>	<ol style="list-style-type: none"> <li>1)RND(A19)</li> <li>2)Parotidectomy- m/c nerve injured (A19)</li> <li>3)frey's syndrome-m/c nerve (N19)</li> <li>4)dohlmann procedure - zenker diverticulum (A,N20)</li> <li>5)Branchial cyst - m/c site(n19)</li> <li>6)submandibular excision-m/c nv injured (ini)</li> <li>7)neural tumor ini</li> </ol>

<p align="center"><b>CTVS AND VASCULAR SURGERY</b></p>	<p>1.Abdominal aortic aneurysm - indications for surgical intervention(neet'18, neet'20, aiims'18)  2.Types of graft for arterial bypass (neet'18)  3.DVT (neet'19)  4.CEAP classification (neet'19, aiims'20)  5.Peripheral arterial disease (neet'20, aiims'20)  6.Lymphedema (neet'20)  7.Cirroid aneurysm (neet'20)  8.Intermittent claudication (neet'20)  9Aortic dissection - management (aiims'18)  10.Pseudoaneurysm - artery involved (aiims'19)</p>	<p>1)Hemangioma image (N18)  2)Abdominal artic aneurysm (N18,A18,n20)  3)pseudoaneurysm-m/c artery involved(A19)  4)Aortic dissection mxt (A18)  5)CEAP-C2 (N20)  6)DVT-U/L MOSTLY (N19)  7)Peripheral arterial disease (n'20, a'20)  8)Lymphedema (n20)  9)Cirroid aneurysm (n20)  10)Intermittent claudication (n'20)</p>
<p align="center"><b>PLASTIC SURGERY</b></p>	<p>1)Types of transplant (neet'19)  2)Intestinal transplantation features (aiims'18)  3)Ideal patient for transplant of organs (aiims'20)</p>	
<p align="center"><b>SKIN MALIGNANCIES</b></p>	<p>1)ABCDE rule - malignant melanoma (aiims'19)</p>	<p>1)Malignant melanoma ABCDE rule (A19)  2)liposarcoma m/c retroperitoneal space tumor</p>
<p align="center"><b>THORAX</b></p>	<p>1)Thoracoscore - components (neet'20)  2)TNM staging of lung cancer (neet'20)  3)Mediastinal tumors - m/c (aiims'19)</p>	<p>1)m/c/c of acute respiratory failure-atelectasis (A19)  2)m/c mediastinal tumor-thymoma(A19)  3)tension pneumothorax (A19, inicet,A18)  4)ryle's tube insertion position (A19)  5)thoracoscore (n20)  6)thymectomy-m/c nv injury (ini)  7)simple pneumothorax mxt</p>

<b>INSTRUMENTS</b>		<ul style="list-style-type: none"><li>1)MORRIS RETRACTOR (N18)</li><li>2)Chromic catgut-absorbed by enz degr and macrophage phagocytosis (N18)</li><li>3)Jackson pratt drain (A19)</li><li>4)IV cannula color code with uses (A19,18)</li><li>5)Veress needle(A19)</li><li>6)Unipolar cautery(A19)</li><li>7)Leukoreduction filter images (A19)</li><li>8)blade size 11 image</li><li>10)reef knot (N20)</li><li>11)urine bag ,NG tube,suction cannula ,underwter seal bag (ini)</li><li>12)sanstaken blakemore vs minnesota tube image ini</li><li>13)upper gi endoscope imgae ini</li></ul>
<b>CANCER STAGING</b>		<ul style="list-style-type: none"><li>1)T1a RCC mxt - partial nephrectomy (N20)</li><li>2)Lung ca (TNM stage)-T1C</li></ul>



<b>PEDIATRICS</b>	<b>MARROW (The Sassy Doc)</b>	<b>PREPLADDER (Dr Sweta Sharma)</b>
<b>NEONATOLOGY</b>	<ol style="list-style-type: none"> <li>1. Full form of APGAR (AIIMS 2017) score calculation (AIIMS 2020) (NEET2019)</li> <li>2. Atopic dermatitis -Image (AIIMS 2017)</li> <li>3. Sequence of resuscitation in newborn (AIIMS 2018)</li> <li>4. Investigations in newborn with hypocalcemia (AIIMS 2018)</li> <li>5. Silverman anderson score calculation (AIIMS 2018) Video calculation (AIIMS 2019)</li> <li>6. Diff between adult and paed resuscitation (AIIMS 2018)</li> <li>7. Components of expanded new ballards score (AIIMS 2019)</li> <li>8. signs of effective neonatal resuscitation (AIIMS 2019)</li> <li>9. Procedure depiction - Orogastric tube insertion (AIIMS 2019)</li> <li>10. Infant at risk (AIIMS 2019)</li> <li>11. Image of pulse oximeter - function ? (AIIMS 2019)</li> <li>12. Phototherapy converts bilirubin to ?(AIIMS 2020)</li> <li>13. when to give epinephrine during neonatal resuscitation (NEET2018)</li> <li>14. Warthin-finkeldy cells seen in (NEET2018)</li> <li>15. Features of NEC (NEET2019)</li> <li>16. M/C/C of HIV inf in newborn (NEET2019)</li> <li>17. Koplik spots image (NEET2020)</li> <li>18 greenish black colour of first stool is due to (NEET2020)</li> </ol>	<ol style="list-style-type: none"> <li>1.Greenish black stool - bile pigment NEET 2020</li> <li>2.Apgar score 3 at 1 min indicates NEET 2019</li> <li>3. image of gestational diabetes NEET 2019</li> <li>4.last to close fontanelle NEET 2018</li> <li>5.Dandy walker malformation NEET 2018</li> <li>6.resuscitation HR &lt; 60/min NEET 2018</li> <li>7.Full form of APGAR (AIIMS 2017)</li> <li>8.score calculation (AIIMS 2020)</li> <li>9.Sequence of resuscitation in newborn (AIIMS 2018)</li> <li>10.Investigations in newborn with hypocalcemia (AIIMS 2018)</li> <li>11. Silverman anderson score calculation (AIIMS 2018)</li> <li>12. Video calculation (AIIMS 2019)</li> <li>13.Diff between adult and paed resuscitation (AIIMS 2018)</li> <li>14.Components of expanded new ballards score (AIIMS 2019)</li> <li>15. signs of effective neonatal resuscitation (AIIMS 2019)</li> <li>16.Procedure depiction - Orogastric tube insertion (AIIMS 2019)</li> <li>17.Infant at risk (AIIMS 2019)</li> <li>18. Image of pulse oximeter - function ? (AIIMS 2019)</li> </ol>
<b>METABOLIC DISORDERS</b>	<ol style="list-style-type: none"> <li>1. Dried blood spot test done for (AIIMS 2017)</li> <li>2. Hurler's disease - clinical scenario (AIIMS 2018)</li> </ol>	<ol style="list-style-type: none"> <li>1.Alkaptonuria enzyme NEET 2020</li> <li>2.Hypokalemia neet 2019</li> <li>3.Dried blood spot test done</li> </ol>

		for (AIIMS 2017) .4. Hurler's disease - clinical scenario (AIIMS 2018)
<b>GENETIC DISORDERS</b>	<ol style="list-style-type: none"> <li>1. Karyotype identification of cri-du chat syndrome (AIIMS 2017)</li> <li>2. AR pedigree identification (AIIMS 2018)</li> <li>3. Image- eye- Tuberous sclerosis (NEET2018)</li> <li>4. Features of ataxia telangiectasia (NEET2018)</li> <li>5. Colour blindness -X linked (NEET2018)</li> </ol>	<ol style="list-style-type: none"> <li>1. pedigree autosomal dominant disorder NEET 2020</li> <li>2. William syndrome AD NEET 2020</li> <li>3. X linked disorder Wiskott Aldrich syndrome NEET 2020</li> <li>4. Fragile X syndrome NEET2019</li> <li>5. Karyotype identification of cri-du chat syndrome AIIMS 2017</li> <li>6. AR pedigree identification AIIMS 2018</li> </ol>
<b>CVS</b>	<ol style="list-style-type: none"> <li>1. TGA - X Ray image- complication asked (AIIMS 2017)</li> <li>2. Surgical correction of VSD (AIIMS 2020)</li> <li>3. Where to look for pre ductal O<sub>2</sub> in a PDA infant (NEET2019)</li> <li>4. Main factor for ductal closure postnatally (NEET2019)</li> <li>5. m/c heart defect in congenital Rubella syndrome (NEET2019)</li> <li>6. TOF -X RAY</li> </ol>	<ol style="list-style-type: none"> <li>1. Fig of 3 sign - coarctation of aorta NEET 2020</li> <li>2. TOF image xray NEET 2020</li> <li>3. Highest O<sub>2</sub> concentration IVC NEET 2020</li> <li>4. Machine like murmur NEET 2019</li> <li>5. TGA - X Ray image- complication asked AIIMS 2017</li> <li>6. Surgical correction of VSD AIIMS 2020</li> </ol>
<b>GIT</b>	<ol style="list-style-type: none"> <li>1. Physiological jaundice (AIIMS 2017)</li> <li>2. Molecular defect causing Dubin Johnson (NEET2019)</li> <li>3. m/c indication of liver transplant in children (NEET2019)</li> <li>4. Gastrochisis clinical scenario (NEET2020)</li> </ol>	<ol style="list-style-type: none"> <li>1. CONGENITAL HYPERTROPHIC PYLORIC STENOSIS INICET20</li> <li>2. Protocol for diphtheria contact NEET2020</li> <li>3. Celiac dis. NEET 2020</li> <li>4. CHPS neet 2018</li> <li>5. Mx of diarrhoea plan b NEET 2018</li> <li>6. Physiological jaundice AIIMS 2017</li> </ol>
<b>CNS</b>	<ol style="list-style-type: none"> <li>1. Tests for congenital CMV (AIIMS 2017) (NEET2018)</li> <li>2. Fetal alcohol syndrome (AIIMS 2017)</li> <li>3. Hutchinson's triad (AIIMS 2017)</li> </ol>	<ol style="list-style-type: none"> <li>1. Selective mutism anxiety disorder INICET 2020</li> <li>2. HIRSCHSPRUNG dis NEET 2020 Fetal alcohol syndrome (AIIMS 2017)</li> </ol>

	<p>4. Isolation period for child with bacterial meningitis (AIIMS 2018)</p> <p>5. JME -clinical scenario diagnosis (AIIMS 2018) gene involved (AIIMS 2019)</p> <p>6. Traumatic encephalocoele/ growing fracture (AIIMS 2018)</p> <p>7. Finding of brain death in a child to declare dead (AIIMS 2018)</p> <p>8. Craniophagus definition (AIIMS 2018)</p> <p>9. Focal clonic seizures- clinical scenario (AIIMS 2018)</p> <p>10. Bacterial meningitis - clinical scenario (AIIMS 2019)</p> <p>11. Tuft of hair over lumbosacral region s/o (NEET2018)</p> <p>12. m/c/c of ventriculomegaly in newborn (NEET2018)</p> <p>13. Criteria of NF1 (NEET2018)</p> <p>14. Feature not seen in CP (NEET2018)</p> <p>15. m/c manifestaion of cong toxoplasmosis (NEET2019)</p> <p>16. Antibiotic prophylaxis in meningococcal exposure (NEET2020)</p>	<p>3.Hutchinsons triad (AIIMS 2017)</p> <p>4.Isolation period for child with bacterial meningitis (AIIMS 2018)</p> <p>5.JME -clinical scenario diagnosis (AIIMS 2018) 6.gene involved (AIIMS 2019)</p> <p>7.Traumatic encephalocoele/ growing fracture (AIIMS 2018)</p> <p>8. Finding of brain death in a child to declare dead (AIIMS 2018)</p> <p>9.Craniophagus definition (AIIMS 2018)</p> <p>10. Focal clonic seizures- clinical scenario (AIIMS 2018)</p> <p>11. Bacterial meningitis - clinical scenario (AIIMS 2019)</p>
<p><b>RENAL &amp; GENITOURINARY TRACT</b></p>	<p>1. Image of bladder extrophy diagnosis (AIIMS 2018)</p> <p>2. PSGN clinical scenario (AIIMS 2019)</p> <p>3. Diagnosis of Alports (AIIMS 2019)</p> <p>4. Vaccines for steriod dependent NS (AIIMS 2020)</p> <p>5. Ectopic ureter - clinical scenario (AIIMS 2020)</p>	<p>1.Enuresis - bell and alarm INICET 2020</p> <p>2.Ectopic uretreic orifice INICET 2020</p> <p>3.Steroid dependent nephritis INICET 2020</p> <p>4.Minimal change dis. NEET 2020</p> <p>5Image of bladder extrophy diagnosis AIIMS 2018</p> <p>6.PSGN clinical scenario AIIMS 2019</p> <p>7.Diagnosis of Alports AIIMS 2019</p> <p>8. Vaccines for steriod dependent NS AIIMS 2020</p> <p>9.Ectopic ureter - clinical scenario AIIMS 2020</p>

<p><b>HEMATOLOGY SKELETAL SYSTEM</b></p>	<p>1. Viral myositis diagnosis (AIIMS 2019) 2. Findings least likely in Rh incompatibility baby (AIIMS 2020) 3. Thalassemia - image diagnosis (AIIMS 2020) 4. Parameter indicating poor prognosis in ALL (NEET2018) 5. Viral inf causing transient aplastic anemia (NEET2018) 6. Inherited non hemolytic unconjugated hyperbilirubinemia is ? (NEET2019) 7. HSP - Image and clinical diagnosis (NEET2019)</p>	<p>1.10 yr old - osteosarcoma INICET 2020 2.langerhans cell histiocytosis INICET 2020 3.Duchenne muscular dydtrophy NEET 2020 4.sickle cell ane. NEET 2020 NEET 2018 5.Viral myositis diagnosis AIIMS 2019 6. Findings least likely in Rh incompatibility baby AIIMS 2020 7.Thalassemia - image diagnosis AIIMS 2020</p>
<p><b>RS</b></p>	<p>1. RDS scenario by c. trachomatis (AIIMS 2017) 2. Indicators of fetal lung maturity (AIIMS 2018) 3. Treatment of acute epiglottitis (AIIMS 2020) 4. PFT findings of asthma in a child (AIIMS 2020) 5. Features of child with cystic fibrosis (NEET2019)</p>	<p>1.Mx according to IMNCI pneumonia NEET 2020 2.Preterm baby respiratory distress syndrome NEET 2020 3.acute laryngo bronchitis NEET 2020 4.PLUNMONARY PLETHORA neet2020 5.Influenza vaccine NEET 2019 6.ARDS berlin criteria NEET 2018 7. RDS scenario by c. trachomatis AIIMS 2017 8. Indicators of fetal lung maturity AIIMS 2018 9.Treatment of acute epiglottitis AIIMS 2020</p>
<p><b>GROWTH &amp; DEVELOPMENT</b></p>	<p>1. social milestone in 3 year old child (handling spoon) (AIIMS 2017) 2. Calculation of age by given motor milestones (AIIMS 2019) 3. Ability to compare objects - meaning (AIIMS 2020) 4. Bidectrous reach seen at what age (NEET2019)</p>	<p>1.Kawasaki dis. image NEET 2020 2.Bidextrous grasp NEET 2019 3.habit disorder NEET 2018 4.social milestone in 3 year old child handling spoon AIIMS2017 5.Calculation of age by given motor milestones AIIMS 2019 6. Ability to compare objects - meaning AIIMS 2020</p>

<b>NUTRITION</b>	<ol style="list-style-type: none"> <li>1. Management of diarrhoea (AIIMS 2017)</li> <li>2. Not a symptom of severe dehydration (AIIMS 2020)</li> <li>3. Not a criteria for SAM (AIIMS 2020) (NEET2019)</li> <li>4. Vit def leading to neonatal seizures (AIIMS 2020)</li> <li>5. Vit def causing cardiac edema and neuropathy</li> <li>6. Kwashiorkar clinical scenario (NEET2020)</li> <li>7. Dietary guidelines- energy from saturated fats (NEET2020)</li> </ol>	<ol style="list-style-type: none"> <li>1. PEM NEET 2020</li> <li>2. SAM NEET 2019</li> <li>3. Management of diarrhoea AIIMS 2017</li> <li>4. Not a symptom of severe dehydration AIIMS 2020</li> <li>5. Not a criteria for SAM AIIMS 2020</li> <li>6. Vit def leading to neonatal seizures AIIMS 2020</li> <li>7. Vit def causing cardiac edema and neuropathy AIIMS 2018</li> </ol>
<b>ENDOCRINOLOGY</b>	<ol style="list-style-type: none"> <li>1. Max hormone produced by fetal adrenal gland (AIIMS 2018)</li> <li>2. Treatment for mineralocorticoid deficiency (AIIMS 2019)</li> <li>3. M/C presentation of CAH (NEET2018) clinical scenario (NEET2020)</li> </ol>	<ol style="list-style-type: none"> <li>1. 21 hydroxylase defi. CAH NEET 2020</li> <li>2. Max hormone produced by fetal adrenal gland AIIMS 2018</li> <li>3. Treatment for mineralocorticoid deficiency AIIMS 2019</li> </ol>
	<ol style="list-style-type: none"> <li>4. True about ovotesticular disorder of sex development (NEET2018)</li> </ol>	

NEET PG RAD SYNAPSE

OBG	MARROW (Dr.Sai)	DAMS (Dr.Satapathi Keerti)
<p align="center"><b>NORMAL PREGNANCY AND ANTENATAL CARE</b></p>	<ol style="list-style-type: none"> <li>1.Estrogen effects in body (NEET2020)</li> <li>2.Estrogen in menstrual cycle</li> <li>3.Angle of anteversion/ Round ligament (NEET 2018)</li> <li>4.Quadruple test (NEET 2018)</li> <li>5.(AIIMS 2018)</li> <li>6.Triple test (AIIMS 2017)</li> <li>7.NT scan timing (NEET2019)</li> <li>8.Ideal Number of AN visits (NEET 2018)</li> <li>9.Non inv prenatal test (NEET 2018)</li> <li>10.Thyroid profile in pregnancy (NEET 2018)</li> <li>11.Vaginal changes in pregnancy (NEET2019)</li> <li>12.RS changes in pregnancy (NEET2019) (AIIMS 2019)</li> <li>13.CVS changes in pregnancy (NEET2019)(AIIMS 2018)</li> <li>14.Heparin/ warfarin usage in heart disease (NEET 2018)(AIIMS 2018)</li> <li>15.Progesterone @ Menstrual cycle (NEET2019)</li> <li>16.Fallopian tube parts (NEET2020)</li> <li>17.X ray in pregnancy (NEET2020)</li> <li>18.Naegle's rule (AIIMS 2017)</li> <li>19.Pawlik grip (AIIMS 2017)(AIIMS 2020)</li> <li>20.Fetal position (AIIMS 2020)</li> <li>21.Stages of labour (AIIMS 2017)</li> </ol>	<ol style="list-style-type: none"> <li>1.Fertilization(site) (NEET 2020)</li> <li>2.Permissive role in puberty -leptin (AIIMS NOV 2018)</li> <li>3.Fetal adrenal cortex and androgens(AIIMS NOV 2018)</li> <li>4.Quadruple test time =15-18 week(downs screening)(NEET 2018)</li> <li>5.Pregnanacy hormones and thyroid parameters (neet 2018)</li> <li>6.NIPT (Noninvasive prenatal test)(neet 2018)</li> <li>7.USG TO DIAGNOSE TWIN PREG(neet 2018)</li> <li>8.LAMBDA SIGN/TWIN PEAK SIGN(neet 2018)</li> <li>9.Viable pregnancy USG(neet 2018)</li> <li>10.accidental exposure to radiation(next step) (NEET 2020)</li> <li>11.amniotic fluid contributors (NEET 2019)</li> <li>12.ideal time for nuchal translucency(NEET 2019)</li> <li>13.fetal skull diameter and presentation(NEET 2019)</li> <li>14.septic pelvic thrombophlebitis in preg (next step)(NEET 2019)</li> <li>15.Vaginal changes in preg(NEET 2019)</li> <li>16.Biophysical profile component ( antepartum surveillance)(AIIMS 2020)</li> <li>17.ComponentS of bishop score (AIIMS 2020)</li> <li>18.Early pregnancy +empty g sac D/D(AIIMS 2020)</li> <li>19.Aplasia cutis ( teratogenic drugs and presentation )(AIIMS 2020)</li> <li>20.Later half of Preg + leg cramps at night =management(INICET 2020)</li> <li>21.Image -ROA position(INICET 2020)</li> </ol>

	<p>22. Additional calorie req (AIIMS 2017)</p> <p>23. ESR in pregnancy (AIIMS 2020)</p> <p>24. Modified Robson criteria (AIIMS 2020)</p>	<p>22. image -lateral grip (leopolds grip) (INICET 2020)</p> <p>23. CTG -IMAGE (AIIMS 2019)</p> <p>24. Sequential arrangement of fetal scans (AIIMS 2019)</p> <p>25. Physiological changes in pregnancy in respi system (AIIMS 2019)</p>
<b>LABOUR AND PUERPERIUM</b>	<p>1. Labour induction C/I (NEET2019)</p> <p>2. Breech delivery (AIIMS 2020)</p> <p>3. Flexed head Diameter (NEET2019)</p> <p>4. Bishop Score (AIIMS 2017)(AIIMS 2020)</p> <p>5. Partograph (AIIMS 2017), (AIIMS 2017)(AIIMS 2020)</p> <p>6. CTG IBQ (AIIMS 2018)</p> <p>7. Gravida Para score (NEET2020), (AIIMS 2017)</p> <p>8. Mullerian duct (NEET 2018)</p> <p>9. Wolffian duct (NEET2020)</p> <p>10. Anteversion/ round ligament (NEET 2018)</p> <p>11. Umbilical cord structures (NEET 2018)</p> <p>12. Substance crossing placenta (NEET 2018)</p> <p>13. Amniotic fluid appearance (AIIMS 2018)</p> <p>14. Amniotic fluid contributors @ trimester (NEET2019)</p> <p>15. Oligohydramnios (NEET2020)</p> <p>16. Succenturate placenta (AIIMS 2018)</p> <p>17. MCMA Placenta IBQ(AIIMS 2018)</p> <p>18. Supine vena cava syndrome ( NEET 2019)</p> <p>19. Fetal alcohol syndrome (AIIMS 2017)</p>	<p>1. complete perineal tear( time of repair) (NEET 2020)</p> <p>2. episiotomy(posterior extension damages) (NEET 2020)</p> <p>3. Mastitis(First line drug)(NEET 2019)</p> <p>4. episiotomy (structures to be cut) (AIIMS 2020)</p> <p>5. Partograph and point of cervical dilatation (INICET 2020)</p> <p>6. Doyens retractor for pelvic gynecological surgery -image (AIIMS 2019)</p> <p>7. Mc roberts maneuver (AIIMS 2019)</p>

	<p><b>20.Biophysical profile (AIIMS 2020)</b></p> <p><b>Episiotomy types(NEET2020)(AIIMS 2020)</b></p> <p><b>Episiotomy scissors IBQ (AIIMS 2017)</b></p> <p><b>AMTSL (AIIMS 2018)</b></p> <p><b>Doyen Retractor IBQ (AIIMS 2019)</b></p> <p><b>Complete perineal tear time of repair (NEET2020)</b></p> <p><b>Sec PPH Causes (NEET 2018)</b></p> <p><b>PHF2A DOSE (NEET2019)</b></p> <p><b>Episiotomy types(NEET2020)(AIIMS 2020)</b></p> <p><b>Episiotomy scissors IBQ (AIIMS 2017)</b></p> <p><b>AMTSL (AIIMS 2018)</b></p> <p><b>Doyen Retractor IBQ (AIIMS 2019)</b></p> <p><b>Complete perineal tear time of repair (NEET2020)</b></p> <p><b>Sec PPH Causes (NEET 2018)</b></p> <p><b>PHF2A DOSE (NEET2019)</b></p>	
<p><b>OBSTETRIC COMPLICATIONS</b></p>	<p><b>1.Ectopic Mx(AIIMS 2020)</b></p> <p><b>2.Ectopic named criteria (AIIMS 2020)</b></p> <p><b>3.Twins USG timing (NEET 2018)</b></p> <p><b>4.Superfecundation (NEET 2018)</b></p> <p><b>5.Twins delivery (NEET2020)</b></p> <p><b>6.MCA Doppler in RH negative (NEET2020)</b></p>	<p><b>1.Shoulder dystocia maneuvers (neet 2018)</b></p> <p><b>2.high risk pregnancy (neet 2018)</b></p> <p><b>3.SECONDARY PPH CAUSES (neet 2018)</b></p> <p><b>4.ART PREDISPOSES TO DIZYGOTIC TWIN (neet 2018)</b></p> <p><b>5.SUPERFECUNDATION vs superfetation (neet 2018)</b></p> <p><b>6.fetal reduction time (neet 2018)</b></p> <p><b>7.oligohydroamnios(causes) (NEET 2020)</b></p>

	<p>7. Anti D dose/ indications (AIIMS 2017) (AIIMS 2019)</p> <p>8. Fibronectin preterm (AIIMS 2018)</p> <p>9. Placenta previa grade (NEET 2019)</p> <p>10. Gestn trophoblastic neoplasia includes? (NEET 2019)</p> <p>11. Choriocarcinoma criteria (AIIMS 2018)</p> <p>12. GTN staging (AIIMS 2019)</p> <p>13. Partial mole (NEET 2019)</p> <p>14. Molar pregnancy Mx (AIIMS 2020)</p> <p>15. Obstructed labour Mx (NEET 2018)</p>	<p>8. polyhydroamnios case (NEET 2020)</p> <p>9. Maximum dose of PGf 2alpha in (PPH) (NEET 2019)</p> <p>10. Gest trophoblastic neoplasia includes (NEET 2019)</p> <p>11. Karyotype of partial mole (NEET 2019)</p> <p>12. Mgso4 (mechanism and uses) (NEET 2019)</p> <p>13. APLA syndrome The best regimen (NEET 2019)</p> <p>14. abdominal ectopic pregnancy - studdiford criteria (AIIMS 2020)</p> <p>15. MOLAR PREGNANCY (AIIMS 2020)</p> <p>16. ROBSON classification for CS (INICET 2020)</p> <p>17. Vaginal delivery of breech prerequisites (INICET 2020)</p> <p>18. Zika virus transmission image (hofbauer cells) (INICET 2020)</p> <p>19. Cord prolapse emergency management (INICET 2020)</p> <p>20. Atonic PPH management (AIIMS 2019)</p> <p>21. Transverse lie management (AIIMS 2019)</p> <p>22. GTN staging (AIIMS 2019)</p> <p>23. Criteria for high risk infant (AIIMS 2019)</p> <p>24. PPH (AIIMS 2019)</p> <p>25. Cause of hydrops fetalis (AIIMS 2019)</p> <p>26. Pre term labour and role of Mgso4 (AIIMS 2019)</p> <p>27. Uterotonic in PPH (AIIMS 2019)</p>
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NEET PG RAD SYNAPSE

<p style="text-align: center;"><b>MEDICAL AND SURGICAL COMPLICATIONS OF PREGNANCY</b></p>	<ol style="list-style-type: none"> <li>1.MgSO<sub>4</sub> uses (NEET2019) (AIIMS 2019)</li> <li>2.PIH Mx (AIIMS 2019)</li> <li>3.Acute Fatty liver pregnancy (NEET 2018) (NEET2019)</li> <li>4.ART in pregnancy (NEET 2018)</li> <li>5.Peripartum cardiomyopathy (NEET 2018)</li> <li>6.High risk pregnancy (NEET 2018)</li> <li>7.Post partum nerve injury (NEET 2018)</li> <li>8.Blood sugar cutoff for overt DM(NEET2019)</li> <li>9.GDM time of delivery (AIIMS 2018)</li> <li>10.PIH doppler end diastolic flow (AIIMS 2018)</li> <li>11.Macrosomia IBQ (NEET2019)</li> <li>12.GDM Complications (AIIMS 2018)</li> <li>13.Causal regression syndrome IBQ (NEET2020)</li> <li>14.Antiphospholipid antibody syndrome Mx(NEET2019)</li> <li>15.Abruption (AIIMS 2020)</li> <li>16.Sheehan syndrome (NEET2020)</li> <li>17.PIH definition (AIIMS 2017)</li> <li>18.CVT (AIIMS 2017)</li> <li>19.cervical encirclage (AIIMS 2018)</li> <li>20.Pneumatic compression stockings IBQ (AIIMS 2018)</li> <li>21.Fetal varicella time of spread (AIIMS 2019)</li> <li>22.Septic pelvic thrombophlebitis Mx(NEET2019)</li> </ol>	<ol style="list-style-type: none"> <li>1.drug for lung maturity (neet 2018)</li> <li>2.Test for lung maturity (neet 2018)</li> <li>3.HTN in pregnancy (contraindicated drugs) (neet 2018)</li> <li>4.HIV pregnancy regimen (neet 2018)</li> <li>5.Peripartum cardiomyopathy (neet 2018)</li> <li>6.Anesthesia of choice for pre eclampsia (neet 2018)</li> <li>7.sheehans syndrome case (NEET 2020)</li> <li>8.Rh-ve sensitised mother(monitored of fetus) (NEET 2020)</li> <li>9.image of macrosomic baby(GDM in mother)(NEET 2019)</li> <li>10.Acute fatty liver of pregnancy(NEET 2019)</li> <li>11.FBS(min)= 126mg/dl in overt diabetes.(NEET 2019)</li> <li>12.IV loading dose calculation Of Mg SO<sub>4</sub> for preeclampsia(AIIMS 2019)</li> <li>13.Anti D prophylaxis (AIIMS 2019)</li> <li>14.Anemia in pregnancy Cut off(AIIMS 2019)</li> <li>15.GDM (Gestation diabetes mellitus) and IDDM (AIIMS 2019)</li> <li>16.SLE and congenital heart block</li> <li>17.Hypertension in pregnancy management</li> <li>18.Congenital vs neonatal varicella syndrome</li> <li>19.Anticoagulation in pregnancy</li> <li>20.Pre eclampsia pathophysiology</li> </ol>
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<b>GENERAL GYNECOLOGY</b>	<ol style="list-style-type: none"> <li>1.Pessary fitting (NEET 2018)</li> <li>2.Age wise prolapse Mx(NEET2019)</li> <li>3.Perennial body (AIIMS 2017)</li> <li>4.Vesicovaginal fistula (AIIMS 2018)</li> <li>5.Fibroid gross pic (NEET 2018)</li> <li>6.Fibroid Mx(NEET2020)(AIIMS 2020)</li> <li>7.polyp USG IBQ (NEET2020)</li> <li>8.Fibroid torsion (NEET2019)</li> <li>9.Myomectomy irrigation fluid (AIIMS 2018)</li> <li>10.Adenomyosis (NEET2019)</li> <li>11.Condylomata accuminata (NEET2020)</li> </ol>	<ol style="list-style-type: none"> <li>1.TOC for female with atrophic vaginitis(NEET 2019)</li> <li>2.Mechanism of Action OCP(INICET 2020)</li> <li>3.AUB Management in &gt; 45 years and &lt;45 years (INICET 2020)</li> <li>4.Menstrual cycle and ovulation markers(INICET 2020)</li> <li>5.fibroid management(AIIMS 2020)</li> <li>6.Hysteroscopic surgery - Electrolyte rich and deficient (AIIMS MAY2018)</li> <li>7.Stress urinary incontinence and space of retzius bleed during retropubic urethropexy(AIIMS MAY 2018)</li> <li>8.TVS and endometrial thickness in Post menopausal bleeding (AIIMS MAY 2018)</li> <li>9.VVF investigation and management(AIIMS NOV 2018)</li> <li>10.Continuous GnRH use(AIIMS 2019)</li> <li>11.Submucosal fibroid +AUB management (AIIMS 2019)</li> <li>12.Menopause and associated condition management (HRT)(AIIMS 2019)</li> <li>13.HRT indication and contraindication (AIIMS 2019)</li> <li>14.Fibroid (image) AUB (neet 2018)</li> <li>15.Uterus ligament &amp; support(neet 2018)</li> <li>16.True hermaphrodite(neet 2018)</li> <li>17.CAH (neet 2018)</li> <li>18. HRT in post menopausal female (MC INDICATION)(neet 2018)</li> <li>19.Mullerian inhibiting substance chromosome no.(neet 2018)</li> <li>20.ADV OF HYSTEROSCOPIC OVER OPEN MYOMECTOMY(neet 2018)</li> <li>21.remanent of wolffian duct (NEET 2020)</li> <li>22.imperforate hymen case (NEET 2020)</li> <li>23.TORSION FIBROID(NEET 2019)</li> <li>24.hormone acting on the post</li> </ol>
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		ovulatory endometrium(NEET 2019) 25.(Prolapse) in elderly woman case(NEET 2019)
<b>GYNAEC INFECTIONS</b>	<ol style="list-style-type: none"> <li>1.PID pyometra (NEET 2018) (NEET 2018)</li> <li>2.Strawberry vagina (NEET2020) (AIIMS 2017)</li> <li>3.Bact vaginosis (AIIMS 2019)</li> <li>4.IBQ clue cell (AIIMS 2019)</li> <li>5.Genital TB (NEET2020)</li> <li>6.Granuloma inguinale (NEET2020)</li> <li>7.Vulval wart (NEET2020)</li> </ol>	<ol style="list-style-type: none"> <li>1.CHRONIC PID presentation(neet 2018)</li> <li>2.PID(neet 2018)</li> <li>3.Currettage not done in acute PID(neet 2018)</li> <li>4.trichomonas vaginalis case (NEET 2020)</li> <li>5.tuboovarian mass case (NEET 2020)</li> <li>6.Granuloma inguinale (NEET 2020)</li> <li>7.Vulval warts (NEET 2020)</li> <li>8.DOC for bacterial vaginosis(AIIMS 2019)</li> <li>9.Bacterial vaginosis -clue cells Image(AIIMS 2019)</li> </ol>
<b>INFERTILITY</b>	<ol style="list-style-type: none"> <li>1.Most important parameter in semen analysis (AIIMS 2017)(AIIMS 2018)</li> <li>2.Oligospermia (AIIMS 2018)</li> <li>3.B/L cornual block Mx (AIIMS 2017)</li> <li>4.AMH ovarian reserve (NEET2019)</li> <li>5.Mx of atrophic vaginitis(NEET2019)</li> <li>6.HRT indications (AIIMS 2018)</li> <li>7.Imperforate hymen (NEET2020)</li> <li>8.Septate uterus Mx(NEET2020)</li> <li>9.Ovarian hyper stimulation syndrome USG IBQ (NEET2020)</li> <li>10.Hydrosalpinx USG IBQ (NEET2020)</li> <li>11.Sr progesterone to evaluate infertility (AIIMS 2020)</li> <li>12.Turner syndrome (AIIMS 2017)</li> <li>13.Hypoginadotropic hypogonadism (AIIMS 2017)</li> </ol>	<ol style="list-style-type: none"> <li>1.HSG of unicornuate uterus +infertility clinic( complication in each uterine anomaly)(2018 NEET)</li> <li>2.ART Procedure(2018 NEET)</li> <li>3.septate uterus(management) (NEET 2020)</li> <li>4.In low ovarian reserve anti mullerian hormone levels(NEET 2019)</li> <li>5.Mangment of conditions in PCOS(AIIMS 2020)</li> <li>6.Asherman syndrome (AIIMS NOV 2018)</li> <li>7.Katagener cause of infertility ( asthenospermia )(AIIMS NOV 2018)</li> <li>8.Kartagener syndrome- asthenospermia (AIIMS MAY 2018)</li> <li>9.Semen analysis and male infertility (AIIMS MAY 2018)</li> <li>10.Primary amenorrhea (AIIMS MAY 2018)</li> <li>11.Induction of ovulation and OHSS (AIIMS MAY 2018)</li> <li>12.PCOS +infertility management (AIIMS 2019)</li> </ol>

	<p>14.Sweyer syndrome (AIIMS 2018)</p> <p>15.Secondary amenorrhea investigations (AIIMS 2017) (AIIMS 2018)</p> <p>16.Pcos Mx (AIIMS 2020)</p>	
<b>GYNAEC ONCOLOGY</b>	<p>1.Ca vulva Mx of 1B (AIIMS 2018)</p> <p>2.Nonavalent vaccine stereotypes (AIIMS 2017)(AIIMS 2018) (AIIMS 2019)</p> <p>3.Ayre spatula IBQ (AIIMS 2018)</p> <p>4.Age of Ca Cx screening (AIIMS 2020)</p> <p>5.Premalign Cx investigation(NEET 2018, (AIIMS 2017) (AIIMS 2019)(AIIMS 2020)</p> <p>6.Ca Cx RT points A &amp; B (NEET2020)</p> <p>7.Uretric injury at hysterectomy (AIIMS 2017)</p> <p>8.Cx CIS - next step? (AIIMS 2017) (AIIMS 2018)</p> <p>9.CIN Mx (AIIMS 2019)</p> <p>10.Pap fixative (AIIMS 2017)(AIIMS 2020)</p> <p>11.CA Endometrium RT Mx</p> <p>12.Endometrial hyperplasia Mx (AIIMS 2017)(AIIMS 2018)</p> <p>13.Endometrial sampling (AIIMS 2020)</p> <p>14.LDH high-Dysgerminoma (AIIMS 2017)</p>	<p>1.mcc of pyometra(neet 2018)</p> <p>2.Tamoxifene risk (AIIMS 2020)</p> <p>3.Cervical cancer screening timeline (AIIMS 2020)</p> <p>4.Managment of HSIL(AIIMS 2020)</p> <p>5.HPV vaccine ( L1 component)(INICET 2020)</p> <p>6.PAP smear for screening (not diagnosis of cervical ca )(INICET 2020)</p> <p>7.Endometrial hyperplasia +atypia treatment (AIIMS NOV 2018)</p> <p>8.Sentinel lymph node biopsy and vulva cancer(AIIMS NOV2018)</p> <p>9.CIN 3 managment (AIIMS NOV 2018)</p> <p>10.Choriocarcinoma risk (AIIMS NOV2018)</p> <p>11.Vulval cancer managment (AIIMS MAY 2018)</p> <p>12.Image- Ayres spatula+endocervical brush (AIIMS 2019)</p> <p>13.HPV vaccination schedule (AIIMS 2019)</p> <p>14.Postcoital bleeding D/D(AIIMS 2019)</p>
<b>CONTRACEPTION</b>	<p>1.Kroener- fimbriectomy (NEET 2018)</p> <p>2.Fallopian ring applicator IBQ (NEET2020)</p> <p>3.Post coital contraception (NEET2020)</p> <p>4.MOA POP (NEET 2018)</p>	<p>1.low dose progesterone pills(NEET 2018)</p> <p>2.method of female sterilization ( kroener=fimbriectomy)(NEET 2018)</p> <p>3.Female condom image (NEET 2020)</p> <p>4.contraindication of OCPS(NEET 2019)</p> <p>5.DOSE of ulipristal in (emergency</p>

	<p>5.OCP C/I (NEET2019)          6.OCP MOA (AIIMS 2020)          7.Gonadal dysgenesis (NEET 2018)          8.Ulipristal dose(NEET2019)          9.LNG dose (AIIMS 2017)          10.Female condom IBQ(NEET2020)          11.Contraindications for Cu T (AIIMS 2018)          12.On OCP missed periods next step (AIIMS 2018)          13.Tubal ligation (AIIMS 2018)</p>	<p>contraception)(NEET 2019)          6.MALA-N contraception failure (AIIMS MAY 2018)          7.Contraindication of CuT insertion (AIIMS MAY 2018)          8.Emergency contraception LNG dose(AIIMS NOV 2018)          9.Lap tubal sterilization (AIIMS NOV 2018)</p>
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<b>ORTHOPEDICS</b>	<b>MARROW ( DR GAURAV PAUL/ DR LAXMI MALLYA )</b>	<b>PREPLADDER/ DAMS( Dr Shashank )</b>
<b>FRACTURE AND ITS COMPLICATIONS</b>	<p>1)Acute compartment syndrome(A17,18)            2)Degloving injury(N19)            3)Fat embolism(N20,A17)            4)RTA(N18)            5)Treatment Hypertrophic Non Union #(N18)</p>	<p>1. FRACTURE AND COMPLICATIONS (N 2018)            2. SCAPHOID# (N 2019)            3. COLLES # ( A 2020)            4. MENISCAL REPAIR ( A 2020)            5.COLLES# (N 2018)            6.SUPRACONDYLAR # ( A 2018)            7. GALEAZZI # ( A 2019)</p>
<b>REGIONAL CONDITIONS OF NECK</b>	<p>1)Sprengel deformity(N18,A17) 2) Spondylolisthesis(A18)</p>	<p>1. CERVICAL RIB - SPONDYLOLISTHESIS (A 2018)            2. ATLANTO AXIAL JOINT (N 2019)</p>

<p><b>UPPER LIMB</b></p>	<ol style="list-style-type: none"> <li>1.Pulled elbow(N20)</li> <li>2.Colles Fracture(A20),</li> <li>3.Perilunate Dislocation (N18),</li> <li>4.Galezzi Fracture(A17,19) Supracondylar#(A18)</li> <li>5.Proximal Humerus # Classification(A17)</li> <li>6.Scaphoid #(A17) Dequeverans tenosynovitis(N19)</li> <li>7.Painful Arc Syndrome (N19)</li> <li>8.Painful Active Movement (N18)</li> <li>9.Traumatic Dislocation of Shoulder(A17)</li> </ol>	<ol style="list-style-type: none"> <li>1. PERILUNATE DISLOCATIONS (N 2018)</li> <li>2. Mallet Finger ( A 2018)</li> <li>3. SCAPHOID AVN ( A 2019)</li> <li>4. HAND NERVE SUPPLY - RADIAL N. ( N 2019)</li> <li>5. HAND NERVE SUPPLY - MEDIAN N. ( N 2019)</li> <li>6. TENOSYNOVITIS ( N 2019)</li> <li>7. PAINFUL ARC SYNDROME (N 2019)</li> <li>8. PULLED ELBOW (N 2020)</li> <li>9. POPEYE SIGN (N 2020)</li> </ol>
<p><b>LOWER LIMB</b></p>	<ol style="list-style-type: none"> <li>1.posterior dislocation hip(NEET19)</li> <li>2.patella# treatment(Aiims18).</li> <li>3.patellar clunk syndrome(aiims18) Osteonecrosis Of Femoral</li> <li>4.Head(A17),</li> <li>5. Posterior Cruciate Ligament (A17)</li> <li>6.March #(A17)</li> <li>7.Haglund Deformity (A17)</li> <li>8. #Neck of Femur(A17),</li> <li>9.Meniscus Tear (A20)</li> <li>10.Medial Tibial Stress Syndrome (A19)</li> </ol>	<ol style="list-style-type: none"> <li>1. PATELLAR FRACTURE AND TENSION BAND WIRING (A 2018)</li> <li>2. PATELLAR CLUNK SYNDROME SCAR (A 2018)</li> <li>3. LOWER LIMB INVOLUCRUM XRAY (A 2018)</li> <li>4. COMPARTMENT SYNDROME SIGNS IN LEG ( A 2018)</li> <li>5. INTERTROCHANTERIC # FEATURE ( A 2019)</li> <li>6. SHIN SPLINT ( A 2019)</li> <li>7. FOOT DROP (N 2019)</li> </ol>
<p><b>SPINE AND PELVIS</b></p>	<ol style="list-style-type: none"> <li>1.Scoliosis Screening Tests(A20)</li> <li>2.Cauda equina (A19).</li> <li>3.Coxa Vara(A18)</li> <li>4.Cobbs Angle(N20)</li> <li>5.Potts Spine(A19)</li> <li>6.spinal shock(A18)</li> </ol>	<ol style="list-style-type: none"> <li>1.SPINAL SHOCK AND REFLEXES (A 2018)</li> <li>2. COXA VARA ( A 2018)</li> <li>3. CAUDA EQUINA SYNDROME ( A 2018)</li> <li>4. SCOLIOSIS ( A 2019)</li> <li>5. DDH ( A 2019)</li> <li>6. POTTS SPINE (A 2019)</li> <li>7. DISH ( N 2019) 8. ANT. HIP DISLOCATION (A 2020) 9. TB SPINE (A 2020) 10. COBBS ANGLE (N 2020)</li> </ol>

<b>BONE AND JOINT INFECTIONS</b>	<ol style="list-style-type: none"> <li>1. Chronic Osteomyelitis (NEET 2018) ,</li> <li>2. Brodies Abscess(NEET</li> <li>3)Potts Spine(A20)</li> <li>4)Pin Tract Infection(A20)</li> <li>5)Image-Involucrum, Cloaca and Sequestrum(A18)</li> <li>6)Tom Smith septic arthritis(N18)</li> </ol>	<ol style="list-style-type: none"> <li>1. BRODIES ABSCESS ( N 2019)</li> <li>2. RING SEQUESTRUM ( A 2020)</li> <li>3. CHR. OSTEOMYELITIS (N 2018)</li> <li>4. ANKYLOSING SPONDYLITIS (A 2019)</li> </ol>
<b>PEDIATRIC ORTHOPEDICS</b>	<ol style="list-style-type: none"> <li>1)Pulled Elbow(NEET2020),</li> <li>2)Distal Forearm#(Neet 18)</li> <li>3)Polio Paralysis(A17)</li> <li>4) Congenital Scoliosis (A19)</li> <li>5) Pediatric Scoliosis Screening(A20),</li> <li>6)Vessel Injury Outstretched Hand(A17) 7) CTEV(A19)</li> <li>7)DDH(A19)</li> </ol>	<ol style="list-style-type: none"> <li>1. TOM SMITH SEPTIC ARTHRITIS (N 2018)</li> <li>2. CTEV ( A 2019)</li> </ol>
<b>METABOLIC BONE DISEASES</b>	<ol style="list-style-type: none"> <li>1)Osteoporosis(N19 20 INI20)</li> <li>2)Rickets(A18)</li> <li>3)Bone Mineral Density(A20)</li> <li>4)Langerhans cell histiocytosis cd1a marker(A19) 5) Sapho syndrome(N18)</li> </ol>	<ol style="list-style-type: none"> <li>1. RHEUMATOID ARTHRITIS (N 2018 19 20, INI 20 )</li> <li>2. SAPHO SYNDROME (N 2018)</li> <li>3. OSTEOPOROSIS (N 2018 19 20, A 19, INI 20 )</li> <li>4. LCH ( A 2019, N 2019)</li> <li>5. HYPERPARATHYROIDISM ( A 2019)</li> <li>6. PAGETS DISEASE ( A 2019)</li> <li>7. OSTEOARTHRITIS (N 2020)</li> </ol>
<b>NERVE INJURIES</b>	<ol style="list-style-type: none"> <li>1)Carpal Tunnel Syndrome Test(A20). 2)Foot drop(N19)</li> </ol>	

<b>BONE TUMOURS</b>	1)Simple Bone Cyst(NEET 2018), 2)GCT(N 19, AIIMS18,19) 3)Osteosarcoma(INI20)	1. HAEMOPHILIC PSEUDOTUMOR (A 2018) 2. SBC (N 2018) 3. FIBROSARCOMA (N 2018) 4. GCT ( A 2018 19, N 19 20) 5. OSTEOSARCOMA (INICET 20)
<b>Misc</b>	1)Bone morphogenic protein(A20), 2)Ankylosing Spondylitis(A20), 3)Spine Fusion Surgery(A20), 4)Storage of Drug in Tissue(A17), 5)DISH(N19)	
<b>SPORTS INJURIES</b>	1(Tennis Elbow (A20) 2)Meniscus tear and it zones(INI20). 3)Shin splint(A19)	
<b>TESTS IN ORTHOPEDICS</b>	1)Thomas test(A18) 2)Roos test, 3)Allen's test(A19) 4)Durkans test (A20) 5)Finkelstein test{N 20}, 6)Hoover Test(A17) 7)scoliosis screening /forward bend test(A20)	1. ALLENS TEST ( A 2019) 2. ROOS TEST ( A 2019) 3. FORWARD BENDING TEST (A 2020) 4. DURKAN TEST ( A 2020) 5. FINKELSTEIN TEST (N 2020) 6.THOMAS TEST (A 2018)
<b>INSTRUMENTS</b>	1)Bone holding forceps (A17) 2) bone nibbler(A19) 3)rail fixator(A19) 4)bone holding Forceps (A19), 5) Milwaukee Brace(A20) 6)cock up splint (A19)	1. DYNAMIC COCKUP SPLINT ( A 2019) 2. RAIL FIXATOR ( A 2019) 3. BONE PLATE HOLDING FORCEPS ( A 2019) 4. NEGATIVE PRESSURE WOUND THERAPY ( A 2019 ) 5. BONE NIBBLER ( A 2019) 6. MILWAUKEE BRACE (INICET 20)

NEET PG RAD SYNAPSE

<b>DERMATOLOGY</b>	<b>MARROW (Dr.AS)</b>	<b>PREPLADDER (Dr Sweta Sharma)</b>
<b>ANATOMY AND PHYSIOLOGY OF SKIN</b>	1.Skin - Image (Identification of layers of epithelium) (AIIMS 2017,2019) 2.Dermis - Types of collagen (AIIMS 2017) 3.Connective tissue - Images (AIIMS 2018)	1.SKIN IMAGE EPITHELIUM AIIMS 2019 2.COLLAGEN TYPES AIIMS 2017 3.MALPIGIAN LAYER NEET 2018 4.Dermis - Types of collagen (AIIMS 2017) 5.Connective tissue - Images (AIIMS 2018)
<b>CLINICAL DERMATOLOGY &amp; SYSTEMIC MANIFESTATIONS</b>	1.Hypothyroidism - Skin lesion (AIIMS 2017) 2.CB NAAT (AIIMS 2017) 3.Fibrotest [Hepatic fibrosis] (AIIMS 2017) 4.Leprosy (AIIMS 2018) 5.Fixed drug eruption (AIIMS 2017) 6.Topical steroids - Uses (AIIMS 2019) 7.Chikungunya - Rash [Image] (AIIMS 2018, 2019, 2020) 8.Leucoderma (NEET 2019) 9.Lupus vulgaris (NEET 2020) 10.Scleroderma (NEET 2018) 11.TEN-Toxic Epidermal Necrolysis (AIIMS 2018) 12.Methylisothiaoline - Use (AIIMS 2020) 13.Examples of maculopapular rash (AIIMS 2019, 2020)	1.CHANCROID INICET 2020 2.WISKOTT ALDRICH SYND. IMAGE NEET 2020 3.ERYTHMA MULTIFORME NEET 2020 4.SLE IMAGE OF FACE NEET 2018 5.SARCOPTES SCABIEI IMAGE NEET2019 6.Hypothyroidism - Skin lesion (AIIMS 2017) 7.CB NAAT (AIIMS 2017) 8.Fibrotest [Hepatic fibrosis] (AIIMS 2017) 9.Leprosy (AIIMS 2018) 10.Fixed drug eruption (AIIMS 2017) 11.Topical steroids - Uses (AIIMS 2019) 12.Chikungunya - Rash [Image] (AIIMS 2018, 2019, 2020)
<b>ADNEXA AND APPENDAGES</b>	Alopecia (NEET 2019)	1.ALOPECIA NEET 2019

<p style="text-align: center;"><b>HAIR AND NAIL</b></p>	<ol style="list-style-type: none"> <li>1.Trichotillomania (AIIMS 2018)</li> <li>2.Tinea capitis (Image &amp; Investigation) (AIIMS 2017)</li> <li>3.Tinea capitis endothrix (AIIMS 2019)</li> <li>4.Alopecia - Nail finding (NEET 2019)</li> <li>5.Nail lacquer - Amorolfine (NEET 2020)</li> <li>6.Trichothiodystrophy (AIIMS 2020)</li> </ol>	<ol style="list-style-type: none"> <li>1.trichothiodystrophy image INICET2020</li> <li>2.NAIL LACQUER T/T DRUG NEET 2020</li> <li>3.ALOPECIA IMAGE pitting of nail NEET 2019</li> <li>4.Trichotillomania (AIIMS 2018)</li> <li>5.Tinea capitis (Image &amp; Investigation) (AIIMS 2017)</li> <li>6.Tinea capitis endothrix (AIIMS 2019)</li> </ol>
<p style="text-align: center;"><b>SKIN DISORDERS</b></p>	<ol style="list-style-type: none"> <li>1.Icthyosis vulgaris (NEET 2020)</li> <li>2.Epidermolysis bullosa (AIIMS 2020)</li> <li>3.Primary skin lesions (NEET 2018)</li> <li>4.Annular lesion (AIIMS 2020)</li> <li>5.Cutis marmorata (NEET 2018)</li> </ol>	<ol style="list-style-type: none"> <li>1.annular lesion INICET 2020 NEET 2020</li> <li>2.epidermal blister in icet 2021</li> <li>3.Epidermolysis bullosa (AIIMS 2020)</li> </ol>
<p style="text-align: center;"><b>ALLERGIC DISORDERS AND DERMATITIS</b></p>	<ol style="list-style-type: none"> <li>1.Allergic contact dermatitis (AIIMS 2018)</li> <li>2.Atopic dermatitis (NEET 2018,2019)</li> <li>3.Dermatitis artefacta (AIIMS 2020)</li> <li>4.Flagellate dermatitis - Bleomycin (AIIMS 2020)</li> <li>5.Patch test (AIIMS 2019)</li> </ol>	<ol style="list-style-type: none"> <li>1.patch test INICET 2020</li> <li>2.ATOPIC DERMATITIS NEET 2018 2019Dermatitis artefacta (AIIMS 2020)</li> <li>3.Flagellate dermatitis - Bleomycin (AIIMS 2020)</li> <li>4.Patch test (AIIMS 2019)</li> <li>5.Allergic contact dermatitis (AIIMS 2018)</li> <li>6.Atopic dermatitis (NEET 2018,2019)</li> <li>7.Dermatitis artefacta (AIIMS 2020)</li> <li>8.Flagellate dermatitis - Bleomycin (AIIMS 2020)</li> <li>9.Patch test (AIIMS 2019)</li> </ol>
<p style="text-align: center;"><b>PAPULOSQUAMOUS DISORDERS</b></p>	<ol style="list-style-type: none"> <li>1.Pustular psoriasis (AIIMS 2019)</li> <li>2.Chronic plaque psoriasis (AIIMS 2020)</li> <li>3.Koebner Phenomenon examples (NEET 2020)</li> </ol>	<ol style="list-style-type: none"> <li>1.Chronic plaque psoriasis (AIIMS 2020)</li> <li>2.Koebner Phenomenon examples (NEET 2020)</li> <li>3.Pustular psoriasis (AIIMS 2019)</li> </ol>

<b>VESICOBULLOUS DISORDERS</b>	<ol style="list-style-type: none"> <li>1.Pemphigus vulgaris (AIIMS 2017,2019)</li> <li>2.Herpes infection in newborn (NEET 2019)</li> <li>3.Herpes labialis (NEET 2020)</li> <li>4.Varicella zoster (NEET 2018)</li> <li>5.Hand foot mouth disease - Coxsackie virus (AIIMS 2019)</li> <li>6.Chronic bullous disease of childhood (AIIMS 2020) 1.</li> </ol>	<ol style="list-style-type: none"> <li>1.HSV H.DUCREYI INICET2020</li> <li>2.Herpes labialis image tzanck smear INICET 2020 NEET 2020</li> <li>3.HIV candidiasis image neet 2020</li> <li>4.Acute myocarditis image of measles NEET 2020</li> <li>5.NOT A CAUSE OF URETHRITIS IN MALES NEET 2020</li> <li>Hand foot mouth disease - Coxsackie virus (AIIMS 2019)</li> <li>6.Chronic bullous disease of childhood (AIIMS 2020)</li> </ol>
<b>SKIN INFECTIONS</b>	<ol style="list-style-type: none"> <li>1.Candida intertrigo (NEET 2019)</li> <li>2.HPV - Skin lesions (NEET 2018)</li> <li>3.Sporothrix (AIIMS 2020)</li> <li>4.Perichondral hematoma (AIIMS 2020)</li> <li>5.Scabies (AIIMS 2017)</li> <li>6.Tinea cruris - Treatment (AIIMS 2018)</li> <li>7.Molluscum contagiosum - Image (AIIMS 2018)</li> <li>8.Dermatophyte (AIIMS 2018)</li> <li>9.Nodular acne (AIIMS 2018)</li> </ol>	<ol style="list-style-type: none"> <li>1.Lupus vulgaris t/t NEET 2020</li> <li>2.CUTIS MARMORATA NEET 2018</li> <li>3.WARTS HAND IMAGE 2018 NEET</li> <li>4.HERPES ZOSTER IMAGE NEET 2019</li> <li>5.Sporothrix (AIIMS 2020)</li> <li>6.Perichondral hematoma (AIIMS 2020)</li> <li>7.Scabies (AIIMS 2017)</li> <li>8.Tinea cruris - Treatment (AIIMS 2018)</li> <li>9.Molluscum contagiosum - Image (AIIMS 2018)</li> <li>10.Dermatophyte (AIIMS 2018)</li> <li>11.Nodular acne (AIIMS 2018)</li> </ol>
<b>STI</b>	<ol style="list-style-type: none"> <li>1.Trichomonas - Treatment (NEET 2019)</li> <li>2.STI kits (AIIMS 2019)</li> </ol>	<ol style="list-style-type: none"> <li>1.CONDYLOMA ACUMINATA IMAGE NEET 2020</li> <li>2.STI kits (AIIMS 2019)</li> </ol>
<b>GENODERMATOSIS AND NUTRITIONAL DISORDERS</b>	<ol style="list-style-type: none"> <li>1.Acanthosis nigricans (NEET 2019)</li> </ol>	<ol style="list-style-type: none"> <li>1.Lamellar ichthyosis image neet 2020</li> <li>2.PELLAGRA IMAGE NEET 2020</li> <li>3.ACANTHOSIS NIGRICANS 2019 NEET</li> </ol>
<b>SKIN MALIGNANCIES</b>	<ol style="list-style-type: none"> <li>1.Congenital melanocytic nevus (AIIMS 2017)</li> <li>2.Beckers nevus (NEET 2018)</li> </ol>	<ol style="list-style-type: none"> <li>1.melanoma superficial spreading neet 2020</li> <li>2.BECKER NEVUS 2018 NEET</li> <li>3.CONTACT LEUKODERMA NEET 2019</li> <li>4.Congenital melanocytic nevus (AIIMS 2017)</li> </ol>

<b>RADIOLOGY</b>	<b>MARROW (Dr.Sarranya)</b>	<b>PREPLADDER/ DAMS (Dr.T S)</b>
<b>FUNDAMENTALS OF RADIOLOGY</b>	1)FDG-PET- positive and negative uptake(A'17) 2)X-Ray-basics(A'17) 3)Doppler waveforms (A'18) 4)Types of radiation (A'18) 5)Myelography (A'18) 6)FAST positive (A'19) 7)Acute Radiation Syndrome (A'20) 8)Contrast media (N'18,19) 9)Bragg Peak Effect (N'18) 10)Barium Study (N'19) 11)Diffusion Weighted MRI (N'19) 12)TLD Badge (N'20)	1)Radiation dose monitoring(TLD)(N'20) 2)Brachytherapy(neet'20) 3)water soluble contrast(neet'19) 4)Barium meal follow through(neet'19) 5)Braggs peak(neet'18) 6)eFAST(inicet) 7)Cadwell view(inicet) 8)FAST-uses,fullform(A'20) 9)Acute radiation syndrome(A'20) 10)Non ionising investigations(A'18) 11)Myelography(A'18) 12)Radiation hazard logo(A'18)
<b>MUSKULOSKELETAL SYSTEM</b>	1)Hyperparathyroidism - pepperpot skull(A'17,N'18)) 2)Alkaptonuria-calcification of Intervertebral disc (A'17) 3)DISH/ Forestier's disease (A'20) 4)Jersey Finger (N'19) 5)Baseball Finger (N'19)	1)Blow out fracture(neet'19) 2)Osteoporosis investigations-(inicet) 3)LCH(skull Xray)inicet 4)Ankylosing spondylitis bamboo spine(inicet) 5)DISH(A'20) 5)Neurocysticercosis(A'20) 6)Congenital scoliosis(A'19) 7)Cervical rib(A'18)
<b>RESPIRATORY RADIOLOGY</b>	1)Pneumothorax (A'17, A'20) 2)Air Bronchogram (A'18) 3)Cervical Rib (A'18) 4)Pancoast tumor (A'19) 5)Sea shore sign (A'19) 6)Consolidation (A'19) 7)Miliary TB (N'19)	1)Scleroderma lung involvement(neet'20) 2)Miliary TB(neet'19) 3)Pulmonary embolism(neet'18) 4)Pulmonary artery identification CT thorax(neet'18) 5)Pneumothorax(inicet) 6)Bronchiectasis(inicet) 7)Seashore sign(A'19) 8)Consolidation-middle lobe(A'19) 9)Pneumoperitoneum(A'18)

<b>CVS RADIOLOGY</b>	1)Aortic Dissection (N'18) 2)SVC -identification on CT scan (N'18) 3)Coarctation of Aorta (N'20) 4)TAPVC (N'20)	1)TOF x ray(neet'20) 2)TAPVC(neet'20) 3)Coarctation of aorta(neet'20) 4)Mickey mouse sign-USG(neet'20) 5)SMA identification in angiography(neet'18) 6)PVD initial investigation-doppler(inicet)
<b>NEURORADIOLOGY</b>	1)Pseudoaneurysm of ICA-on DSA (A'17) 2)Extradural Haemorrhage (A'18) 3)Arachnoiditis - empty thecal sign (A'18) 4)Neurocysticercosis (A'20) 5)Diffuse Axonal Injury (A'20) 6)Vein of Galen Malformation (N'18) 7)Craniopharyngeoma (N'18) 8)Intracranial Bleeding-SDH,EDH, SAH&ICH (N'19, N'20) 9)Cerebellum- identification on MRI (N'19) 10)Cerebral Infarct (N'19)	1)Craniopharygioma(neet'20,18) 2)SAH(neet'20) 3)Lacunar infarct(neet'19) 4)Great vein of Galen malformation (neet'18) 5)Diffuse axonal injury(inicet) 6)Empty thecal sign-arachnoiditis(A'18)
<b>GI RADIOLOGY</b>	1)Pneumoperitoneum (A'17, A'18,N'19)) 2)Large Bowel Obstruction (A'20) 3)Rigler's triad (A'18) 4)Reflux Esophagitis (N'18) 5)Hepatic Adenoma (N'18) 6)Nutcracker Syndrome (N'18) 7)CA Esophagus (N'20) 8)Intussusception (coiled spring appearance) (N'20) 9)Mickey Mouse sign (N'20)	1)Primary sclerosing cholangitis MRCP(neet'20) 2)Percutaneous biliary drainage(neet'18) 3)Esophageal perforation-contrast(neet'18) 4)Post cholecystectomy collection in morrison pouch-ERCP(inicet20) 5)Pneumoperitoneum(inicet) 6)Achalasia chardia(inicet) 7)Large bowel obstruction(A'20)
<b>NEPHRORADIOLOGY</b>	1)Renal Angiomyolipoma (A'17) 2)Ureterocoele (N'19)	1)Urethral stone(neet'18)

<b>OBG RADIOLOGY</b>	1) Unicornuate Uterus (N'18) 2) Hysterosalpingography (N'18)	1) Hysterosalpingography (N'18)
<b>RADIOTHERAPY</b>		

DR. NIKITA'S

<b>PYSCHIATRY (The sassy doc)</b>	<b>MARROW (Dr. Anjali Bansal)</b>	<b>PREPLADDER (Dr Sweta Sharma)</b>
<b>HISTORY OF PSYCHIATRY AND THEORIES</b>	1) Mental health care act, 2017 & 1987 {Advance directive} (NEET 2020, AIIMS 2019, AIIMS 2018)	1) Freud's theory of dream work (confabulation) N18pre 2) Mental health care act, 2017 & 1987 (NEET 2020, AIIMS 2019, AIIMS 2018)
<b>CLINICAL PSYCHIATRY- SYMPTOMS AND CF</b>	1) Sleep stages - EEG patterns and waves (NEET 2020) 2) Events occurring in NREM & REM sleep [Somnambulism] (NEET 2019) 3) Abreaction & Catharsis - Definitions (NEET 2018) 4) DSM-5 (Mental retardation is AKA Intellectual disability) (NEET 2018) 5) Insight scale (AIIMS 2019) 6) Hypnogram, EEG, Polysomnography, Epworth sleep assessment - Images and Imp. points about them (AIIMS 2018) 7) Frontal lobe injury - Clinical features (AIIMS 2018) 8) Memory tests - For immediate, recent and remote (AIIMS 2017)	1) Somnambulism N19pre 2) New name of mental retardation accor. to DSM5 N18pre 3) Abreaction features N18pre 4) Side effect of escitalopram - sialorrhoea aiims 2019pre 5) Insight scale aiims 2019 pre.

<p><b>PYSCHOPHARMACOLOGY</b></p>	<p>1)SSRIs - Side effects (ESCITALOPRAM) (AIIMS 2018, AIIMS 2020, AIIMS 2019)  2)Anti-smoking agents [Mechanism of actions] {Varenicline} (NEET 2019)  3)ECT - Drugs used (Mechanism of action) &amp; Types (AIIMS 2020)  4)TCAs &amp; SSRIs - Abrupt stoppage - Side effects (AIIMS 2018)  5)Extrapyramidal side effects of anti-psychotic drugs [Akathisia] (AIIMS 2017)</p>	<p>1)Overdose of TCA risk of suicide INICET2020 pre  2)Least sexual sideeffect by which antidepressant INICET2020pre  3)Catatonia first line treatment INICET2020pre  4)Side effect of SSRI sexual dysfunction aiims2020pre  5)Z tracking technique AIIMS2019pre</p>
<p><b>SCHIZOPHRENIA AND OTHER PSYCHOTIC DISORDERS</b></p>	<p>1)Diagnostic criteria for diagnosing depression (NEET 2020)  2)Schizophrenia - Good and poor prognostic factor (AIIMS 2020), Clinical features (AIIMS 2017)</p>	<p>1)Diagnostic criteria of depression N20pre  2)Selective mutism INICET2020pre  3)Bipolar disorder lithium level checked time aiims2020  4)Anorexia nervosa AIIMS 2019 pre  5)Schizo - c/f AIIMS 2017pre</p>
<p><b>DELIRIUM , DEMENTIA AND AMNESTIC DISORDERS</b></p>	<p>1)Amnesia ( Anterograde) (AIIMS 2017)  2)Delusion - Types [Grandeur, reference, misidentification{Capgras syndrome}and persecution] and risk factors (NEET 2019, AIIMS 2017)  3)Delirium - Confusion assessment method (NEET 2019, 2018)  4)Forms of memory (AIIMS 2020)  5)Delirium tremens - Acute alcohol withdrawal (AIIMS 2020, AIIMS 2019)  6)Dementia - Differential diagnosis  7)Cortical Vs Subcortical dementias (AIIMS 2020)</p>	<p>1)Confusion assessment method - delirium N19pre  2)Delusional disorder risk factors N19pre  3)Korsakoff"s psychosis features N18pre  4)Difference b/w delirium and dementia N18pre  5)Differentiate delirium/dementia in alzheimers INICET2020pre  6)Delirium tremens N18 pre  7)Possession INICET2020pre  8)Subcortical dementia example INICET2020 pre  9)Delirium tremors</p>

	8)Delirium Vs dementia (AIIMS 2020)	aiims2019 pre 10)Lewy body dementia visual hallucination aiims 2019 11)Amnesia AIIMS 2017 pre
<b>MOOD DISORDERS</b>	1)Grief Vs Depression (NEET 2020) 2)Postpartum mood disorders - Blues (NEET 2020) 3)Anxiety disorders - Panic disorder (NEET 2020) 4)Differential diagnosis of trauma & stress related disorders - PTSD (NEET 2018) 5)Adjustment disorders - Diagnostic criteria (AIIMS 2020, AIIMS 2017) 6)Melancholia - Clinical features (AIIMS 2019) 7)Paradoxical suicide (AIIMS 2019) 8)Atypical depression (AIIMS 2018) 9)Dysthymia (or) Persistent depressive disorder (AIIMS 2017) 10)Cyclothymia (AIIMS 2017)	1)Massive depressive disorder with psychosis N20pre 2)Panic attack N20pre 3)Depression treatment N20pre 4)Melancholic depression N19pre 5)Post traumatic stress disorder N18 6)Adjustment disorder INICET2020pre
<b>SUBSTANCE RELATED DISORDERS</b>	1)Substance abuse {Cocaine} (NEET 2020)	1)Magnan symptom N20pre 2)Lithium toxicity N20pre 3)M/C substance abuse N20pre
<b>NEUROSIS</b>	1)Alzheimer's disease - Genes, Pathological features, Investigations (NEET 2018)	1)Alzheimers genes neet 2018 pre

	2)Diffuse axonal injury (AIIMS 2017)	2)Axonal injury AIIMS 2017 pre
<b>PERSONALITY DISORDERS</b>	1)Schizoid (AIIMS 2018, AIIMS 2020) 2)Depersonalisation or derealisation - DSM-5 diagnostic criteria (AIIMS 2019)	1)DSM 5 criteria AIIMS 2019 pre 2)Paradoxical suicide 2019 AIIMS pre
<b>CHILD PSYCHIATRY</b>	1)ADHD (NEET 2018) 2)Nocturnal enuresis - Treatment (Behavioural, Pharmaco & Psychotherapy) (AIIMS 2020) 3)Childhood anxiety disorders (AIIMS 2020) 4)Child abuse [Next step done] (AIIMS 2018)	1)Nocturnal enuresis t/t bed alarm behavioural the INICET2020pre 2)Child abuse/ ADHD AIIMS 2018 pre
<b>SEXUALITY AND DISORDERS</b>	1)Sexual cycle - Phases and disorders [Disorder of orgasm - Premature ejaculation] (NEET 2019) 2)Premature ejaculation - Treatment [Semen squeeze technique] (NEET 2018)	1)Premature ejaculation treatment ( semen squ.tecnq) N18pre
<b>SOMATIFORM DISORDERS</b>	1)Restless leg syndrome - Treatment (NEET 2020) 2)Catatonia - Clinical features and treatment (AIIMS 2020)	1)Catatonia treatment in icet2020 pre 2)Restless leg syndrome AIIMS 2020 pre
<b>MISCELLANEOUS</b>	1)OCD - Prognostic factors (NEET 2019) 2)OCD related disorders (NEET 2018) 3)OCD - Frequency of presenting patterns (AIIMS 2018) 4)Phobia - Types {Named ones} [Acrophobia] (NEET 2019) 5)Endocrinopathies & their Differential Psychiatric diagnosis (NEET 2018) 6)Thought disorders - Fish's classification (AIIMS 2020) 7)Timeline in Psychiatry (Marrow pearl - 397)	1)OCD(poor response to response exposure and response prevention) N19pre 2)Alcohol withdrawal symptoms AIIMS2020pre 3)Forced thinking AIIMS2017pre 4)Rabbit syndrome AIIMS 2017pre 5)Concussion m/c AIIMS 2017pre 6)Endocraniopathies neet 2018

	<p>8)Eating disorders - Anorexia nervosa - Treatment (AIIMS 2019)            9)Forced thinking (AIIMS 2017)            10)Concussion - Most common cause of traumatic brain injury (AIIMS 2017)            11)Rabbit syndrome (AIIMS 2017)</p>	
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<b>ANESTHESIA</b>	<b>MARROW (by Dr. Aishwarya B)</b>	<b>PREPLADDER/ DAMS ( Dr. Riya)</b>
<b>PREOP EVALUATION AND MONITORING</b>	<ol style="list-style-type: none"> <li>1. Cardiac output measurement techniques (2) (A18,20)</li> <li>2. Depth of anesthesia monitoring (N19)</li> <li>3. Pulse oximeter (IBQ) (N19)</li> <li>4. Capnography Waveforms (N20)</li> </ol>	<ol style="list-style-type: none"> <li>1. Capnography Waveforms- Venous air embolism (A 18) , curare notch - IBQ(N20)</li> </ol>

<p style="text-align: center;"><b>AIRWAY MANAGEMENT AND RESUSCITATION</b></p>	<ol style="list-style-type: none"> <li>1. Self extubated patient (Mx) (A17)</li> <li>2. Tracheal intubation (Preoxygenation/ Denitrogenation) (A17)</li> <li>3. BLS algorithm (2) (A17,20)</li> <li>4. Ventilatory modes (ACMV Disadvantage) (A19)</li> <li>5. HFNC oxygenation (Advantages - A19), (IBQ-A20) (A19,20)</li> <li>6. AED (IBQ) (A19)</li> <li>7. Initial ventilatory settings (A20)</li> <li>8. Airway cart (IBQ) (A20)</li> <li>9. CPR (Effective chest compressions) (A20)</li> <li>10. Modified Mallampati Grading (N18)</li> <li>11. ETT (Murpheys eye ) (N18)</li> <li>12. Mapleson A (most effective in spont breathing) (N18)</li> <li>13. Cardiac arrest resuscitation (N19)</li> <li>14. PSVT (hemodynamic unstable pt) (N20)</li> </ol>	<ol style="list-style-type: none"> <li>1. Tracheal intubation- steps (A19), indications (A19), SBT trials ( A20)</li> <li>2. Maneuvers to open aiway- Head tilt, chin lift, Jaw thrust IBQ ( A19)</li> <li>3. IV canula sizes and use- IBQ- pink ( A 20)</li> <li>4. Blunt chest trauma- Ventilatory settings (A 20)</li> <li>5. O2 delivery concentration by different devices ( A 17)</li> <li>6. Suction time for tracheostomy tube ( A17)</li> </ol>
<p style="text-align: center;"><b>DRUGS</b></p>	<ol style="list-style-type: none"> <li>1. Morphine (C/I) (A18)</li> <li>2. Curare grp/NDMR (MOA) (2) (N18,19)</li> <li>3. Neostigmine (MR recovery) (N20)</li> </ol>	
<p style="text-align: center;"><b>GENERAL ANESTHESIA</b></p>	<ol style="list-style-type: none"> <li>1. IV induction agents (names) (A17)</li> <li>2. Preanesthetic agents (Glycopyrrolate) (2) (A19,20)</li> <li>3. NM blockade monitoring (Ulnar nerve) (N18)</li> <li>4. Pain on injection seen in a/e ? (N19)</li> </ol>	<ol style="list-style-type: none"> <li>1. Post operative pulmonary complications- R/F ( A 19)</li> <li>2. IV anaesthetic not causing pain ( A 19)</li> </ol>

<p><b>LOCAL AND REGIONAL ANAESTHESIA</b></p>	<p>1. Nerve fibre susceptibility to local anesthetics (A17) 2. Ophthalmic topical anesthetics (Proparacaine duration of action) (A19)</p>	<p>1. S/E of high dose epidural opioid ( A 19)</p>
<p><b>SUBSPECIALITY MANAGEMENT &amp; COMPLICATIONS OF ANESTHESIA</b></p>	<p>1. Anesthesia in NeuroSx (Venous air embolism) (A18) 2. Post op pulmonary complications (Risk Factors) (A19) 3. Anesthesia in Pre eclampsia (N18) 4. Cardiac stable IV agent (N19) 5. Induction agent in peds pt (N19) 6. Predictor of peri op cardiac complications (Dobutamine stress echo) (N20)</p>	
<p><b>MISC TOPICS</b></p>	<p>1. Fluid resuscitation in burns-ATLS (formula) (A17) 2. GCS (A17) 3. Simple open pneumothorax (Mx) (A17) 4. Spinal cord termination level (A18) 5. ABG (procedure) (A19) 6. Pipelines and cylinders color code (N20) (A20)</p>	<p>1. Role of anaesthetics in ECT (A 20) 2. TENS - MOA ( A 20) 3. Thoracoscore- (N 20)</p>

NEET PG RAD SYNAPSE