

1. Regarding mechanism of action of colistin, true statement is
 - a. Colistin binds to lipopolysaccharides and phospholipids in the outer cell membrane of gram negative bacteria and competitively displaces divalent cations (Ca and Mg) from the phosphate group of membrane lipids. This leads to disruption of the outer cell membrane.
 - b. Inhibition of bacterial ergosterol synthesis
 - c. Inhibition of 30S ribosomes
 - d. Inhibition of bacterial cell wall synthesis
 - e. .
2. Which of the following adverse effect occurs due to methylthiotetrazole at 2' position of cefoperazone?
 - a. Disulfiram like reaction
 - b. Neurotoxicity
 - c. Coagulopathy
 - d. Nephrotoxicity
 - e. .
3. Integrase inhibitors for HIV-1 are:
 - a. Raltegravir
 - b. Dolutegravir
 - c. Lopinavir
 - d. Enfuvirtide
 - e. Maraviroc
4. Which statement is incorrect regarding Angiotensin receptor neprilysin inhibitor?
 - a. The combination is used only for low ejection fraction heart failure
 - b. Sacubitril and valsartan are prodrugs
 - c. It should not be used with ACE inhibitors
 - d. .
 - e. .
5. Which of the following antimicrobials follow concentration dependent killing?
 - a. Metronidazole
 - b. Beta lactams
 - c. Fluoroquinolones
 - d. Aminoglycosides
 - e. .
6. Adriamycin is used for treatment of
 - a. Multiple myeloma
 - b. Colon carcinoma
 - c. Endometrial carcinoma
 - d. Lymphoma
 - e. Breast cancer
7. Treatment of mild to moderate asthma is
 - a. .

- b. .
 - c. .
 - d. .
 - e. .
8. A diabetic patient with depressive disorder was kept on escitalopram. He is hypertensive on thiazides and has GFR of 20 ml/min/1.73m². He presents with confusion but there was no neurological deficit. What might be the cause?
- a. Drug interaction
 - b. Hyponatremia
 - c. Hypokalemia
 - d. Enzyme inhibition
 - e. Hypoglycemia
9. Which of the following is correctly paired in Vaughan Williams classification of anti-arrhythmic drugs?
- a. Disopyramide-Class Ia
 - b. Sotalol-Class 2
 - c. Flecainide- Class 1b
 - d. Verapamil-Class 4
 - e. .
10. Which of the following is true regarding treatment of choice for the given organism?
- a. Neisseria meningitides: Ceftriaxone
 - b. Listeria: Ampicillin
 - c. Streptococcus: Penicillin G
 - d. Hemophilus influenza:
 - e. Gonococcus:
11. Hypertriglyceridemia is an adverse effect of
- a. Cyclophosphamide
 - b. Dapsone
 - c. Nelfinavir
 - d. Corticosteroids
 - e. Tamoxifen
12. Which of the following is a mood stabilizer used in bipolar disorder?
- a. Valproate
 - b. Lamotrigine
 - c. Quetiapine
 - d. Gabapentin
 - e. Topiramate
13. Which of the following drug is used for nicotine dependence?
- a. Varenicline
 - b. Bupropion
 - c. Acamprosate
 - d. Disulfiram

- e. Naltrexone
14. Drug not used for mucormycosis is
- a. Voriconazole
 - b. Fluconazole
 - c. Amphotericin B
 - d. Posaconazole
 - e. Caspofungin
15. Primary drugs used for preventing renal transplant rejection are
- a. Tacrolimus
 - b. Cyclophosphamide
 - c. Steroids
 - d. Mycophenolate
 - e. Azathioprine
16. Drug of choice for early stages of African trypanosomiasis?
- a. Suramin
 - b. Albendazole
 - c. Melarsoprol
 - d. .
 - e. .
17. Which of the following can be used as contraceptive after unprotected intercourse?
- a. Misoprostol
 - b. Ulipristal
 - c. Combined oral contraceptives
 - d. Progesterone only pills
 - e. IUCD
18. Which of the following is an adverse effect of thiazide diuretics?
- a. .
 - b. .
 - c. .
 - d. .
 - e. .
19. Which of the following is used for management of NSTEMI?
- a. Anti-fibrinolytics
 - b. Anti-thrombotics
 - c. .
 - d. .
 - e. .
20. Which of the following drugs are effective against Pseudomonas?
- a. .
 - b. .
 - c. .
 - d. .

- e. .
- 21. Which of the following drugs can cause hypokalemia
 - a. Insulin
 - b. Beta blockers
 - c. Thiazides
 - d. .
 - e. .
- 22. Which of the following drugs can cause gynaecomastia?
 - a. .
 - b. .
 - c. .
 - d. .
 - e. .
- 23.