

BHARATI VIDYAPEETH'S COLLEGE OF PHARMACY
THIRD YEAR B.PHARM- SEM-V-CBCS
SUBJECT: BPH C 504 T- PHARMACOLOGY -II- SAMPLE QUESTIONS

1. Which of the following antibiotic acts by inhibition of nucleic acid synthesis?
 - A. Penicillin
 - B. Quinolones
 - C. Sulphonamides
 - D. Cephalosporins

2. Following are the second-generation Quinolones except
 - A. Gatifloxacin
 - B. Enoxacin
 - C. Sparfloxacin
 - D. Ciprofloxacin

3. The mechanism of action of Trimethoprim is
 - A. Inhibition of enzyme Dihydropteroate Synthetase
 - B. Activation of enzyme Dihydrofolate Reductase
 - C. Inhibition of enzyme Dihydrofolate Reductase
 - D. Activation of enzyme Dihydrofolate Reductase

4. All of the following combinations are true except:
 - A. Ciprofloxacin: Inhibition of DNA Gyrase
 - B. Polymyxin B: Inhibition of 50s protein synthesis
 - C. Erythromycin: Inhibition of 50s protein synthesis
 - D. Sulphonamide: Inhibition of folic acid

5. Co-trimoxazole is a combination of drugs
 - A. Sulphonamide + Chloramphenicol
 - B. Sulphonamide + Lincomycin
 - C. Sulphonamide + Trimethoprim
 - D. Sulphonamide + Tetracycline

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6. Following adverse effects are shown by the corresponding drugs are true except
- A. Chloramphenicol: gray baby syndrome
 - B. Cefoperazone: Disulfiram-like reactions
 - C. Tetracycline: Fanconi syndrome
 - D. Sulphonamide: Red man syndrome
7. Prolonged therapy of leads to the development of Pseudo membranous Colitis
- A. Amikacin
 - B. Clindamycin
 - C. Streptomycin
 - D. Vancomycin
8. Which of the following drug acts by binding to the fungal ergosterol and altering its cellular permeability ?
- A. Ketoconazole
 - B. Griseofulvin
 - C. Clotrimazole
 - D. Amphotericin B
9. Which antifungal acts by non-competitive inhibition of squalene epoxidase thereby inhibition of ergosterol synthesis
- A. Flucytosine
 - B. Griseofulvin
 - C. Terbinafine
 - D. Ketoconazole
10. Gynaecomastia and menstrual irregularities are the adverse effects of
- A. Terbinafine
 - B. Flucytosine
 - C. Griseofulvin
 - D. Ketoconazole

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11. Flucytosine acts by
- A. Inhibition of Thymidylate Synthetase leading to inhibition of DNA synthesis
 - B. Disruption of the mitotic spindle during metaphase by interacting with fungal microtubules
 - C. Inhibition of squalene epoxidase and blocks ergosterol formation in the cell membrane
 - D. None of the above
12. Alkylating agents exert cytotoxic action by inducing:
- A. Breakage of DNA strand
 - B. Cross linking of DNA strands
 - C. Abnormal pairing of Purine and Pyrimidine bases
 - D. All of the above
13. Vinca alkaloids exert antitumor activity by:
- A. Activating Topoisomerase II to cause breaks in DNA strands
 - B. Cross linking DNA strands
 - C. Inhibiting DNA mediated RNA synthesis
 - D. Inhibiting polymerization of tubulin to form intracellular microtubules
14. The mechanism of action of Rifampicin involve
- A. Inhibition of bacterial DNA directed RNA polymerase
 - B. Inhibition of Mycolic acid synthesis
 - C. Inhibition of protein synthesis
 - D. Inhibition of Transpeptidase

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15. Select the drug which is used exclusively in organ transplantation and Auto-immune diseases, but not in cancers:
- A. Cyclophosphamide
 - B. Cyclosporine
 - C. Methotrexate
 - D. 6-Mercaptopurine
16. Which one of the following agents is not used in oral or implantable contraceptives?
- A. Clomiphene
 - B. Ethinyl estradiol
 - C. Mestranol
 - D. Norethindrone
17. The thyroid gland normally secretes which of the following substances into the serum?
- A. Diiodothyronine (DIT)
 - B. Thyrotropin (Thyroid-stimulating Hormone)
 - C. Thyroxine (T4)
 - D. Thyroglobulin
18. The drug used for cervical smoothing to facilitate labour is:
- A. Oxytocin
 - B. Stilboestrol
 - C. Progesterone
 - D. Prostaglandin

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19. Which one of the following drugs is recommended as a single agent for oral treatment of uncomplicated malaria due to Chloroquine-resistant *P falciparum* strains?
- A. Doxycycline
 - B. Iodoquinol
 - C. Primaquine
 - D. Quinine
20. Which of the following Anti-malarial drugs causes a dose-dependent toxic state that includes flushed and sweaty skin, dizziness, nausea, diarrhoea, tinnitus, blurred vision, and impaired hearing?
- A. Amodiaquine
 - B. Sulfadoxine
 - C. Pyrimethamine
 - D. Quinine
21. Metronidazole is used for:
- A. Giardiasis
 - B. Hook worm infestation
 - C. Kala-azar
 - D. Round worm infestation
22. Intravenous injection of quinine produces:
- A. Rise in blood pressure
 - B. Neuromuscular block
 - C. Hyperglycaemia
 - D. Hypoglycaemia

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23. Which of the following classes of compounds stimulates the release of insulin from pancreatic β -cells?

- A. Sulfonylureas
- B. Biguanides
- C. α -Glucosidase inhibitors
- D. Thiourylenes

24. Insulin preparations that contain a modifying protein include:

- A. Lente Insulin
- B. Regular Insulin
- C. Isophane Insulin (NPH)
- D. Semilente Insulin

25. Which of the following Glucocorticoids produces the least sodium retention?

- A. Corticosone
- B. Hydrocorticosone
- C. Prednisolone
- D. Dexamethasone

SUBJECT –IN-CHARGE

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