

**University of Mumbai**  
**Semester Theory Examination Second Half 2020**  
**Question Bank**

**Section I : Multiple Choice Question (MCQ's)**

Year/Semester: Third Year, Semester-V

Subject: Pharmacology-II

Subject Code: BPH\_C\_504\_T

1. The Sulfonamides which can be used for treatment of ulcerative colitis is
  - a) Sulfasalazine
  - b) Sulfacetamide
  - c) Silver sulfadiazine
  - d) Mafenide
  
2. Beta lactam antibiotic penicillin acts by-
  - a) Inhibiting peptide synthesis
  - b) Inhibition of beta lactamase
  - c) Interfere with bacterial protein synthesis through ribosome binding
  - d) Inhibition of transpeptidase
  
3. An important mechanism by which tetracycline's exert its action is by
  - a) They chelate Ca<sup>2+</sup> ions and alter permeability of bacterial cell membrane
  - b) They bind to 30S ribosomes and inhibit bacterial protein synthesis
  - c) They bind to 50S ribosomes and interfere with translocation of the growing peptide chain in the bacteria
  - d) They interfere with DNA mediated RNA synthesis in bacteria
  
4. Which of the following is not example of polyene
  - a) Hamaycine
  - b) Amphotericin B
  - c) Nystatin
  - d) Terbinafine
  
5. Which of the following is an example of first line anti TB drug
  - a) Streptomycin
  - b) Thiacetazone
  - c) Ofloxacin
  - d) Amikacin
  
6. Why only female anopheles mosquitos cause malaria
  - a) Male finds difficult to suck blood
  - b) Blood is considered diet for only females
  - c) Because females are evolutionarily designed for it
  - d) Because females requires blood from vertebrates to nourish eggs
  
7. Example of antimetabolite anticancer drug is
  - a) Melphalan
  - b) Busulfan
  - c) Lomustine
  - d) 6- Mercaptopurine
  
8. The primary action of parathormone is
  - a) To increase intestinal calcium absorption
  - b) To increase calcium reabsorption in kidney tubules
  - c) To promote calcium deposition in extraosseus tissues
  - d) To increase resorption of calcium from bone

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9. Severe cases of bleeding due to fibrinolytic agents are treated with
  - a) Aspirin
  - b) Heparin
  - c) Epsilon Amino Caproic Acid
  - d) Vitamin K
10. The iron preparation that can be given intravenously is
  - a) Ferrous sulphate
  - b) Iron dextran
  - c) Iron sorbitol citric acid complex
  - d) Colloidal ferric hydroxide
11. Long acting corticosteroid is
  - a) Trimcinclone
  - b) Betamethasone
  - c) Hydrocortisone
  - d) Prednisolone
12. Propylthiouracil is useful in the treatment of
  - a) Derangement toxicosis
  - b) Hypothyroidism
  - c) Hypoparathyroidism
  - d) Hyperthyroidism
13. Complications of cyclosporine therapy are
  - a) Hypertension
  - b) Pulmonary fibrosis
  - c) Hirsutism
  - d) Nephrotoxicity
14. Antineoplastic which is not an antibiotic is
  - a) Azathioprine
  - b) Bleomycine
  - c) Mitoxanthrone
  - d) Doxorubicin
15. Which antibiotic is obtained from *S. orchidaceus*?
  - a) Capreomycin
  - b) Cycloserin
  - c) Rifampin
  - d) Amikacin
16. Property of cephalosporin is
  - a) Cephalosporin's are more vulnerable to beta lactamase enzyme
  - b) Cephalosporin's don't possess beta lactam ring
  - c) Cephalosporin's are less vulnerable to beta lactamase enzyme
  - d) Cephalosporin's have multiple beta lactam rings
17. One of the aminoglycoside like antibiotic spectinomycin is indicated in
  - a) Septicemia caused by gram negative bacilli
  - b) Tuberculosis

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- c) Penicillin resistant gonococcal infection
  - d) Syphilis
18. If multibacillary leprosy patients treated with standard fixed duration multidrug therapy relapse, he should be treated with
- a) Rifampin + dapsone + clofazimine
  - b) Clofazimine + ofloxacin + minocycline
  - c) Clofazimine + ofloxacin + clarithromycin
  - d) Ofloxacin + minocycline + clarithromycin
19. Which of following drug acts by increasing membrane permeability to calcium in trematodes
- a) Pyrantel pamoate
  - b) Praziquantel
  - c) Sulfadoxine
  - d) Atorvaquone
20. Which of the following progesterone is used in emergency contraception
- a) Levonorgesterol
  - b) Micronized progesterone
  - c) Norgesterone
  - d) Depot Medroxyprogesterone acetate