

DPT 6<sup>th</sup>

Course Title: Pharmacology II

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**Note:**

- Paper is divided into two questions, Q1 includes 15 MCQs and Q2 includes 15 True/False statements
  - Each MCQ or T/F carry one mark with grand total of 30 marks
  - **Highlight** or underline the appropriate option
  - Before marking, read every statement carefully to understand the actual sense of question
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**Q1. Underline and Bold the most appropriate option for the following questions**

1. Which drug can adversely increase the weight of patient
  - a. Enfuvirtide
  - b. Amprenavir**
  - c. Zanamivir
  - d. None of the above
2. Select drug/s that prevent the absorption and passage of viruses
  - a. Foscarnet
  - b. Sulphonamides
  - c. Palivizumab**
  - d. Both b. and c.
3. Constriction of bronchioles is sometimes negatively associated with this drug
  - a. Amantadine
  - b. Foscarnet
  - c. Saquinavir
  - d. Oseltamivir**
4. Which agents show its affect by altering the respective enzymatic function
  - a. Protease inhibitors
  - b. Amantadine
  - c. Neuraminidase inhibitors
  - d. Both a. and c.**
5. Following drugs can change the integrity of outer membrane in fungi
  - a. Azoles
  - b. Echinocandins

- c. Polyenes
  - d. All of the above
  - e. **Both a. and c.**
6. A person infected with *tuberculosis bacilli* as per your knowledge what should be first choice of drug for him
- a. Tetracycline
  - b. Erythromycin
  - c. **Isoniazid**
  - d. None of the above
7. Abnormal protein synthesis are involved with
- a. Sulbactam
  - b. Oxacillin
  - c. **Gentamycin**
  - d. None of the above
8. As antibacterial agent, Super coiling of DNA is inhibited by
- a. Minocycline
  - b. Tazobactam
  - c. Neomycin
  - d. **None of the above**
9. Ciprofloxacin and sulfonamide sometimes hamper the
- a. Ribosomal function
  - b. Membrane permeability
  - c. Folic acid synthesis
  - d. **Both a. and c.**
10. Toxicity of nervous system associated with Artemisinin derivative is yet not confirmed in man, because of
- a. Chemical nature
  - b. **Its novelty**
  - c. Both a. and b.
  - d. None of the above
11. Toxic effects on liver may arise if patient take this drug
- a. Atovaquone
  - b. Mebendazole
  - c. **Praziquantel**
  - d. Chloroquine

12. Nutrients uptake is deprived in roundworms by the use of following agent/s
- Mebendazole
  - Piperazine citrate
  - Albendazole
  - Both a. and c.**
13. Most effective drug/s in condition of severe chest infection is
- Acetylcysteine
  - Potassium iodide
  - Dimenhydramine
  - Both a. and b.**
14. Which drug/s show its effect by dealing with inflammatory processes either by blocking or preventing inflammatory mediators from release
- Zafirlucast
  - Sodium chromoglycate
  - Beclomethasone
  - All of the above**
15. Which of the following class of drug/s is equally effective in cough and diarrhea
- Sympatholytics
  - Opioids**
  - Both a. and c.
  - None of the above

**Q2. For the following questions, encircle “T” for True or “F” for False**

1. Antifungal agents may alter the membrane integrity of host cell (humans) **(F)**
2. Clarithromycin inhibits the protein synthesis by preventing the formation peptide linkage between in line amino acids **(T)**
3. Caspofungin, amphotericin B and terbinafine incorporate itself into ergosterol and change cell membrane structure **(F)**
4. Rimantadine prevents the release of viral nuclear matter at very early steps such as penetration **(T)**
5. In any case of infection cephalosporin always comes as primary agent as compared to others **(F)**
6. Gastrointestinal distress is most common adverse effect associated with orally administered drug **(T)**
7. Artemisinin has the ability to destroy essential protozoal proteins, in the form which it is administered **(T)**
8. Mefloquine is very effective drug in case intestinal protozoans infestations **(F)**
9. To avoid the gastrointestinal intestinal related adverse effects magnesium and aluminum compounds are administered in combination form. **(T)**
10. Patient with non-productive cough or having asthma can effectively use salbutamol **(T)**
11. Omeprazole is concurrently administered with Nsaids, because of its reducing effects on acidity **(T)**
12. In case of dry cough, licorice is one of the best organic demulcent that sooth irritation **(T)**
13. Toxic effects on vestibular system or cochlea is sometimes related to streptomycin **(T)**
14. First generation cephalosporins have elevated effect on Gram negative as compared to fourth generation cephalosporins **(F)**
15. As primary mechanism, paromomycin utilize the ability of cytotoxicity and destroy the parasites in blood vessels **( F)**