

DPT 6th

Course Title: pharmacology II

Student Name:

Student ID:

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. Select the most appropriate option for the following questions

1. Which drug can adversely increase the weight of patient
 - Enfuvirtide
 - Amprenavir
 - Zanamivir
 - **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

- a. Mebendazole
- b. Piperazine citrate
- c. Albendazole
- d. **Both a. and c.**

13. Most effective drug/s in condition of severe chest infection is

- a. Acetylcysteine
- b. Potassium iodide
- c. Dimenhydramine
- d. **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

- a. Zafirlucast
- b. Sodium chromoglycate
- c. Beclomethasone
- d. **All of the above**

15. Which of the following class of drug/s is equally effective in cough and diarrhea

- a. Sympatholytics
- b. **Opioids**
- c. Both a. and c.
- d. 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) **(False)**
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 **(T)**
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)**