

Hemchandracharya North Gujarat University, Patan  
Master of Vocation

'Pharmaceutical Chemistry' Semester - II

END TERM Examination, April, 2019

Subject: Advanced Pharmacology-II (MPC-202)

Time: 2 hrs

Date: 26/04/2019

Maximum marks: 50

**Q.1 Answer any 9 questions. Each question carries 1 mark (9\*1=9Marks)**

1. Give definition of Immune system?
2. What happen in case of plasma protein binding?
3. Which of the following Ig is present in Breast milk: -  
(a) Ig E (b) Ig M  
(c) Ig A (d) Ig G.
4. Match the following details.

- |             |                                       |  |
|-------------|---------------------------------------|--|
| [I]         | [II]                                  |  |
| (a) Coccus  | (P) Found at surrounded the host cell |  |
| (b) Strepto | (Q) Means round in shape              |  |
| (c) Cocci   | (R) More in number                    |  |

5. Full form of UDP-M?
6. Which of the following is Folic acid synthesis inhibitors: -  
(a) PASA (b) Sulphonamides  
(c) Dapsone (d) All
7. What is DNA Gyrase?
8. What is PMN?
9. Match the following.

- |                       |                     |
|-----------------------|---------------------|
| III                   |                     |
| (a) Phagolysosome     | (P) Represent Ag    |
| (b) Hydrogen Peroxide | (Q) Acidity killer  |
| (c) Dendritic cell    | (R) Oxidative burst |
10. Define Bioavailability.

**Q. 2 Answer any 5 questions. Each question carries 4 marks (5\*4=20 Marks)**

1. Give a flow chart and inhibitory drugs list of formation of cell wall.
2. Explain in detail Biotransformation.
3. Short note on Plasma Drug Concentration & Time Profile.
4. Short note on Immunoglobulin.
5. Brief note on Chemotherapy.
6. Short note on Plasma Protein Binding.

**Q.3 Answer any 3 questions. The question carries 07 marks (3\*7=21 Marks)**

1. Give a detail note on role of T-cell in immunology.
2. How drug affecting in protein synthesis in Chemotherapy?
3. Explain in detail about BBB.
4. Detail note on Absorption study.