

Hemchandracharya North Gujarat University, Patan
Bachelor of Vocation

'Pharmaceutical Chemistry' Semester - VI

END TERM Examination, April, 2019

Subject: Medicinal Chemistry III (PC-612)

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. Draw structure of Chlorambucil.
2. Mycobacteria are transition forms between bacteria and fungi. (True/False)
3. What is the role of Metronidazole?
4. Define the term Hemozoin.
5. Sulphamethoxazole belongs to _____.
(a) Long acting sulphonamide (b) Short acting sulphonamide
(c) Both a & b (d) None of above
6. Once viral DNA is integrated in human DNA, it remains forever. (True/False)
7. Give two examples of Anti-neoplastic agents?
8. Draw structure of Amantadine?
9. What is Reverse transcriptase?
10. Give two examples of Anti-viral drugs?

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

1. Short note on Chloramphenicol.
2. Brief note on Tetracycline.
3. Enlist any four sulphonamide drugs along with structure.
4. Write down mechanism of action of sulphonamide drugs.
5. Short note on Antiseptic & Disinfectants.
6. Give synthesis of Metronidazole & structure of Fluconazole.

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

1. Give a brief note on Aminoglycosides.
2. Give synthesis of Chloroquine & draw structure of Pyrimethamine.
3. Detail note on Beta-Lactam Antibiotics.
4. Describe in brief about Anti- Fungal agents.