

Hemchandracharya North Gujarat University, Patan
Bachelor of Vocation
Pharmaceutical Chemistry Semester VI
Mid SEM Examination, March- 2018
Subject: Medicinal chemistry III (PC 612)

Time: 2 hrs

Date: 28/03/2018

Marks: 60

Q.1 Answer any 12 questions. Each question carries 1 mark

[12*1=12]

1. What is combinatorial chemistry
2. Give the name of any resin
3. Orthodox synthesis is better than combinatorial synthesis (True/False)
4. Full form HIV
5. How would you synthesize sulphanilamide from
(a) Acetanilide (b) Benzene (c) sulphanilic acid (d) thalazole
6. Anti septic Drug are used in _____ Disease
7. Meprazinamide is _____ class Drug.
(a) anti malarial (b) Anti Mycobacterial (c) antifungal (d) Antiviral
8. Draw the structure of para amino salicylic acid,
9. Pamaquine is a analogues of 8-aminoquinoline. (True / False)
10. Metronidazole is antifungal drug (True /False)
11. Define anti malarial agents
12. 8 Amino Quinoline is used in _____ class of Drug
(a) anti malarial (b) Antiviral (c) Sulphanilamide (d) Antibiotics
13. Ethionamide and prothionamide drug are belong from _____ class of Drug
(a) anti malarial (b) Anti Mycobacterial (c) antifungal (d) Antiviral

Q.2 Answer any 5 questions. Each question carries

04 marks

[5*4=20]

1. Synthesis of anti HIV Drug amantadine
2. Limitation of therapy of antineoplastic agents
3. What are Antitubercle agents? Synthesis of Isoniazide
4. Synthesis of Fluconazole.
5. Advantage and disadvantage of combinatorial chemistry.
6. Principle of combinatorial chemistry.

Q.3 Answer any 4 questions. Each question carries

07 marks

[4*7=28]

1. What is sulpha drug? Explained classifications and SAR of sulpha drug.
2. Adverse effect of antineoplastic drug? Synthesis of any two drug?
3. What combinatorial chemistry and drug discovery is in detailed?
4. What is antiviral drug? Examples of viruses with diseases.
5. SAR of ant malarial drug? And synthesis of chloroquin