

Hemchandracharya North Gujarat University, Patan
Bachelor of Vocation

Pharmaceutical Chemistry Semester VI
END TERM Examination, APRIL- 2018

Subject: Medicinal chemistry III (PC 612)

Time: 2 hrs

Date:

Marks: 50

Q.1 Answer any 09 questions. Each question carries 1 mark

[9*1=9]

1. Define combinatorial chemistry
2. Orthodox synthesis is better than combinatorial synthesis (True/False)
3. Full form AIDS
4. How would you synthesize sulphanilamide from
(a) Acetanilide (b) Benzene (c) sulphanilic acid (d) thalazole
5. Isoniazide is _____ class Drug.
(a) anti malarial (b) Anti Mycobacterial (c) antifungal (d) Antiviral
6. Draw the structure of Penicillin.
7. 8 Amino Quinoline is used in _____ class of Drug
(a) anti malarial (b) Antiviral (c) Sulphanilamide (d) Antibiotics
8. Sulphonamides SAR depends on _____ positions
(a) N₁ & N₄ (b) N₁ & N₂ (c) N₂ & N₄ (D) N₁ & N₃
9. Define Antibiotic agents
10. Meprazinamide is _____ class 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. Explained Classification of sulpha drug
2. What is antifungal drug? Synthesis of fluconazole.
3. What is antimycobacterial drug? Synthesis of meprazinamide.
4. Synthesis of anti HIV Drug amantadine
5. Introduction of combinatorial chemistry
6. Synthesis of ampicillin.

Q.3 Answer any 3 questions. Each question carries 07 marks

[3*7=21]

1. What is antineoplastic agents? Limitation of therapy of antineoplastic agents
2. What is antimalarial drug? Discuss the SAR in detail?
3. What combinatorial chemistry and drug discovery is in detailed?
4. Discussed the Antibiotics Drug with SAR of penicillin?