



H-303002

Seat No. _____

M. Sc. (Sem. III) Examination

November - 2022

MSC1C302 : Medicinal Chemistry

(New Course)

Time : 3 Hours]

[Total Marks : 70

- 1 Answer the following : 14
- (a) Give illustration of antibiotics of Non-lectum class.
Discuss SAR of Chloramphenicol.
- (b) Give synthesis and uses of Ampicillin.
- OR
- Ciphalosporin.
- 2 Answer the following : 14
- (a) What are antidepressants ? Classify them.
- (b) Give synthesis and uses of Alprazolam and Nikethamide.
- OR
- Triazolam and Pethidine.
- 3 Answer the following : 14
- (a) Explain Modern Chemotherapy of Malaria. Give SAR
of 4-amino quinolins as antimalarials.
- (b) Give synthesis and uses of Isoniazid(INH) and Dapsone
(D.D.S)
- 4 Answer the following : 14
- (a) Give synthesis and uses of following Drugs. (Any Two)
- (i) Amyl nitrate
- (ii) Tolezamide
- (iii) Ethacrynic acid
- (b) Give synthesis and uses of following Drugs. (Any Two)
- (i) Propranolol
- (ii) Marcoline
- (iii) Furosemic

- (1) Give name and structure of any two local anesthetics.
- (2) Define Acid fast Bacilli.
- (3) Give name and structure of any two sedative.
- (4) Give name of any two Neuroleptics ?
- (5) Give two examples of 9 Amino quinoline.
- (6) What are anti depressants ?
- (7) Who is known as the father of chemotherapy ?
- (8) Give the name and structure of one Diuretics Drug.
- (9) What is combination therapy ?
- (10) What are CNS - Stimulants ?
- (11) Define - Hypnotics with example.

Give structure and uses of

- (12) Glibenclamide
 - (13) Primaquine
 - (14) Carbutamide.
-