



GCC-2116 Seat No. _____

M. Sc. (Sem. IV) Examination

April/May - 2017

**CHN - 703 (O) : Organic Chemistry :
Paper - III**

Time : 3 Hours]

[Total Marks : 70

- 1 (a) Answer any two of the following questions : 8
- (1) Write synthesis of any one antiviral drug.
 - (2) Write a note on antiameobic drugs.
 - (3) What is the cause of malaria ? Classify antimalarials.
- (b) Answer any one of the following questions : 6
- (1) Write synthesis of metronidazole and explain its action.
 - (2) Write a brief account on antifungal drugs.
- 2 (a) Answer any two of the following questions : 8
- (1) What are antianxiety drugs ?
 - (2) Draw structures of drugs which act as antipsychotics.
 - (3) Write a note on anticovulsants.
- (b) Answer any one of the following questions. 6
- (1) Write a note on antidepressant.
 - (2) Write a note on Antiparkinsonism drugs.

- 3 Answer any two of the following questions : 14
- (1) Which drugs act on Renal systems ? Explain mode of action of such drugs.
 - (2) Write a note on cardiac drugs.
 - (3) What are diuretics ? Synthesis any two such drugs.
- 4 Answer any two of the following questions : 14
- (1) Explain the significance of antimetabolites as anticancer drug.
 - (2) Write a note on hypertensive drugs.
 - (3) Define and classify antidiabetics with one example of each.
- 5 (a) Write any four : 8
- (1) Define chemotherapeutic drugs.
 - (2) Explain life cycle of virus.
 - (3) Write full form of AIDS and HIV.
 - (4) Write the different symptoms of diabetic patient.
 - (5) What are the limitation of cancer therapy?
- (b) Give synthesis : (any two) 6
- (1) Vioform
 - (2) Iproniazide
 - (3) Methyldopa.