

Total Duration: Section A+B+C = 3 Hours

Total Marks : 75

Section A Section B & Section C

Instructions:

- 1) Use **blue/black** ball point pen only.
- 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
- 3) **All** questions are **compulsory**.
- 4) The number to the **right** indicates **full** marks.
- 5) Draw diagrams **wherever** necessary.
- 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
- 7) Use a common answer book for **all** Sections.



Section "A" (40 Marks)
Pharmacology

1. Short answer questions (**any five** out of six) : (5x5=25)
 - a) Enumerate antiemetic drugs and write briefly on their use.
 - b) Classify drugs used for bronchial asthma. Write a note on salbutamol.
 - c) Explain why atropine is used in OPC poisoning and as pre-anesthetic medication.
 - d) Classify Diuretics. Write a short note on Frusemide.
 - e) Compare and contrast between Heparin and Warfarin.
 - f) Describe in short uses of corticosteroids.
2. Long answer questions (**any one** out of two) : (1x15=15)
 - a) Classify analgesics. Write pharmacological actions, uses, adverse effects and contraindications of morphine.
 - b) Classify B lactam antimicrobials. Write a mechanism of action, uses and ADRs of Cephalosporins.

Section "B" (29 Marks)
Pathology

3. Short answer questions (**any four** out of five) : (4x5=20)
 - a) Define metaplasia. Give one example of each type.
 - b) Define shock. Classify shock. Enumerate four causes of cardiogenic shock.
 - c) Define karyotype. Describe two cytogenetic disorders involving sex chromosomes.
 - d) Define leiomyoma of the uterus. Describe its morphological features.
 - e) Enumerate the CSF findings in a case of pyogenic meningitis.

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4. Long answer questions (**any one** out of two) :

(1x9=09)

- a) Define thrombus. Discuss the etiology and pathogenesis of thrombus formation.
- b) Classify Hodgkins Lymphoma. Describe clinical features. Describe morphology of its various types.

Section "C" (06 Marks)
Genetics

5. Short answer questions (**any two** out of three) :

(2x3=06)

- a) Mendels laws
- b) Turners syndrome
- c) Autosomal dominant inheritance