



Second B.P.T.H. (2012) Examination, Winter 2018
PHARMACOLOGY

Total Duration : 2 Hours

Total Marks : 40

- 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 answerbook for **all** Section.

1. Short answer question (**any five** out of six) : **(5x3=15)**
- a) Define Adverse Drug Reaction (ADR). Explain the difference between type A and type B ADR ?
 - b) Enumerate Atropine analogues . Explain the rationale of using atropine as preanaesthetic medication.
 - c) Explain the mechanism of action and adverse effects of nitrates.
 - d) Explain the role of Sulphasalazine in the management of **Rheumatoid arthritis**.
 - e) Why Diazepam is preferred over Phenobarbitone as hypnotic ? Explain.
 - f) Enumerate drugs used in the treatment of Leprosy . Describe the mechanism of action and adverse effects of Clofazamine.

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**2. Short answer question (any five out of six) :****(5x5=25)**

- a) Compare and contrast between non depolarizing and depolarizing muscle relaxant.
 - b) Classify drugs used in the treatment of Bronchial asthma. Explain in detail Ipratropium bromide.
 - c) Morphine use leads to constipation and pruritis. Explain and mention its management.
 - d) Classify antithyroid drugs. Give uses and adverse effects of carbimazole.
 - e) Define Drug antagonism. Enumerate different types of Drug antagonism citing examples.
 - f) Describe mechanism of action and adverse effects of Chlorpromazine.
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