

SUBJECT : PHARMACOLOGY - II

Day : Saturday
Date : 04/05/2019

Time : 10.00 A.M. TO 01.00 P.M.
Max. Marks : 60

S-2019-4397

N.B. :

- 1) Q. No.1 and Q. No. 5 are COMPULSORY.
- 2) Out of remaining solve ANY TWO questions from each section.
- 3) Figures to the right indicate FULL marks.

SECTION - I

- Q.1 Solve ANY FIVE of the following : (10)
- a) Name cardio-selective β -blockers.
 - b) Enlist the adverse effects of nitrates.
 - c) Classify anti-anginal drugs.
 - d) Enlist the clinical uses of anti-fibrinolytics.
 - e) Enlist the preparations of iron.
 - f) Enlist the biochemical role of folic acid.
 - g) Brief the biosynthesis of Nitric oxide.
- Q.2 Classify anti-hypertensive drugs. Explain the pharmacology, clinical uses, adverse effects and drug interactions of captopril. (10)
- Q.3 A) Classify anticoagulants. Explain in detail the mechanism of action, drug interactions, uses and contra-indications of warfarin. (07)
- B) Write a brief note on hemopoietin. (03)
- Q.4 Write a note on ANY TWO of the following: (10)
- a) Pathological role of Nitric oxide
 - b) Digitalis toxicity
 - c) Vitamin B12

SECTION - II

- Q.5 Solve ANY FIVE of the following : (10)
- a) Enlist the clinical uses of anti-diuretics.
 - b) Enlist the clinical uses of theophylline.
 - c) Enlist the cases of diarrhea where antimicrobials are used regularly.
 - d) Classify H₂ antihistaminic drugs.
 - e) Define and classify expectorants.
 - f) Brief the new WHO-ORS formula.
 - g) Enlist the uses of prokinetics.
- Q.6 Classify diuretics. Explain the pharmacology, clinical uses, adverse effects and drug interactions of loop diuretics. (10)
- Q.7 A) Classify hypolipoproteinemic drugs. Explain in detail the mechanism of action, clinical uses, adverse effects and drug interactions of niacin. (07)
- B) Enlist the approaches in treatment of asthma with examples of drugs. (03)
- Q.8 Write a note on ANY TWO of the following: (10)
- a) Stimulant purgatives
 - b) Anti-tussives
 - c) H₁ anti-histaminics as anti-emetic agents

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