Total Pages : 4

H-BP-602

B.Pharma. (Semester-VI) Examination, June 2022

PHARMACOLOGY

[Paper : Third]

Time Allowed : Three Hours

Maximum Marks : 75

Minimum Passing Marks : 28

Note : Answer from **all** sections as per instructions given in each section. Distribution of marks is given in each section.

SECTION-A

(Very Short Answer Type Questions)

Note : Attempt all questions. Each question carries **02** marks. [10×2=20]

1. (a) Define rhythm and cycles.

(b) Define antigen.

(c) Define toxicity and name its types.

(d) Define antibiotics.

(e) What are monoclonal antibodies ?

(f) Define poison and antidote.

(g) What are antiamoebic agents ?

(h) What are side effect of chloramphenicol ?

(i) Define Teratogenicity ?

(j) Define antitussive.

SECTION - B

(Short Answer Type Questions)

Note : Attempt **any seven** questions. Each question carries **05** marks. [7x5=35]

2. (a) Explain the significance of biological clock and chromotherapy.

(b) Discuss the general principle of chemotherapy.

(c) Discuss the general principle of treatment of poisoning.

(d) Explain the types and mechanism of biosimilars with example.

(e) Classify and discuss the pharmacology of antiulcer drugs.

(f) Write exhaustive note on protein binding.

(g) Classify antitubercular drugs and explain its mechanism and pharmacology.

(h) Explain the principle and management of barbiturate poisoning.

(i) Explain the chemotherapy and pharmacology of antileprotic drugs.

SECTION-C

(Long Answer Type Questions)

Note : Attempt **any two** questions. Each question carries **10** marks. [10×2=20]

3. (a) Classify Penicillins. Discuss the MOA, Pharmacology and side effects of Penicillin.

(b) Discuss the principle, MOA, and pharmacology of anti-asthamatic drugs.

(c) Describe the types of toxicity. Explain the principle and pharmacology of genotoxicity, carcinogenicity and mutagenicity.

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