

AQ-947

M.Sc. (Part-I) Semester-II (CBCS Scheme) Examination
PHARMACEUTICAL CHEMISTRY
(General Pharmacology)-2SA4

Time : Three Hours]

[Maximum Marks : 80

N.B. :- (1) **ALL** questions are compulsory.

(2) All questions carry equal marks.

1. (a) Give detail on the factors influencing doses and drug actions. 8

- (b) Explain routes of administration of drugs. 8

OR

- (p) Explain factors affecting drug distribution. 8

- (q) Which factors directly affect the oral routes of administration of drugs ? 8

2. (a) Discuss the mechanism of drug action. 8

- (b) Define and explain pharmacodynamics. 8

OR

- (p) Describe an intracellular transduction mechanism for phospholysis-C system. 8

- (q) Explain the sites for drug actions. 8

3. (a) What is barbiturate poisoning and give its treatment ? 8

(b) Explain stages of anaesthesia. 8

OR

(p) Discuss various methods for giving anaesthesia. 8

(q) Explain narcotic analgesic with example. 8

4. (a) Discuss adrenergic drugs. 8

(b) Explain :

(i) Antianginals drugs

(ii) Antihypertensive drug. 8

OR

(p) Which drugs are used in myastheniagravis ? 8

(q) Discuss antacids and its MOA-6. 8

5. (a) Discuss anti-asthmatic drugs. 8

(b) Explain chemotherapy of penicillins. 8

OR

(p) Explain MOA of Penicillins. 8

(q) Explain :

(i) Expectorants

(ii) Antitussive agents. 8