

Total number of printed pages-3

34 (2) PHAR 2.2

2019

PHARMACOLOGY

Full Marks : 80

Time : Three hours

***The figures in the margin indicate
full marks for the questions.***

1. Essay Type Questions : ***(any two)*** 2×10=20
 - (a) How Drugs produce their effects ? Describe the various factors that modify drug actions.
 - (b) Classify Analgesics. Write the pharmacological effects, uses and adverse effects of Morphine.
 - (c) What are the drugs used in Gout ? Mention their mechanism of actions, pharmacokinetics and adverse effects.

Contd.

2. Short Essay Type : **(any eight)** 8×5=40

- (a) Describe Drug Intolerance.
- (b) Mechanism of action of Angiotensin II receptor antagonist. Mention their uses and adverse effects.
- (c) Write about Proton-pump inhibitor drugs.
- (d) Classify Anticoagulants. Mention their uses.
- (e) Write about the mechanism of actions of Insulin and its adverse effects.
- (f) Mention the names of Antianginal Drugs. How Nitrites produces its effects?
- (g) Describe the pharmacological effects of Adrenaline.
- (h) What are the different parenteral routes of drug administration?
- (i) Define Diuretics. How loop Diuretics produce its effects?

3. Very Short Essay Type : 2×10=20

- (a) Define Prodrug. Give example.

(b) What is drug receptor?

(c) What are the uses of Digitalis? How it produces its effect?

(d) Differences between Enema and Suppositories.

(e) Mechanism of actions of Paracetamol.

(f) Mention the names of *two* Bronchodilator drugs.

(g) Uses of Phenformin and Metformin.

(h) Define Antitussive.

(i) Drug of choice for Myasthenia gravis.

(j) Name *two* skeletal muscle relaxant drugs.