

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.

*methocarbamol
zoberpentine*

*prednisone
dexam*

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?

(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.

3. Very Short Essay Type : 2×10=20

- (a) Define Prodrug. Give example.