

II-B.D.S. (2008 COURSE). Winter - 2022  
SUBJECT : GENERAL AND DENTAL PHARMACOLOGY AND THERAPEUTICS

Day : Monday  
Date : 13.03.2023

Time : 9.00 A.M. To 12.00 P.M.  
Max. Marks : 70

W5755-2022

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Answer to both the sections should be written in **SEPARATE** answerbook.
- 4) Draw neat diagram wherever necessary.

**SECTION – I**

**Q.1** Classify antiemetic drugs with examples. Write briefly about the mechanism of action, uses and adverse effects of Metoclopramide. (10)

**OR**

Classify atropine substitutes. Write mechanism of action, uses and adverse effects of any one of them.

**Q.2** Write **ANY THREE** of the following : (15)

- a) Mention ingredients of mouth wash and mouth washes for specific problems in oral cavity.
- b) Enlist dental protectives. Give properties and uses of resins.
- c) Mention properties of ideal dentifrice. Enumerate the ingredients of dentifrices and role of each.
- d) Write note on Astringents in dentistry.

**Q.3** Write **ANY FIVE** of the following : (10)

- a) Define prodrug and give two examples with its clinical significance.
- b) Mention two uses of Adrenaline with pharmacological basis for that use.
- c) Enumerate different types of drug antagonism and explain chemical antagonism.
- d) Comment on the use of spironolactone in combination with thiazides.
- e) Mention two mucolytic agents with their mechanism of action and uses.
- f) Write a note on uses of calcium.

**SECTION – II**

**Q.4** Classify Semisynthetic Penicillins. Write briefly about mechanism of action, uses and adverse effects of Amoxicillin. (10)

**OR**

Describe Mechanism of action and uses of Lignocaine. Write a note on nerve block anesthesia.

**Q.5** Write **ANY THREE** of the following : (15)

- a) Write uses of Diazepam with route of administration and beneficial action.
- b) Mention drugs used in grand mal epilepsy with the Mechanism of action and adverse effects of anyone drug.
- c) Write briefly – Mechanism of action, uses and adverse effects of Doxycycline.
- d) Discuss preparations and uses of Insulin.

**Q.6** Write **ANY FIVE** of the following : (10)

- a) Name two H<sub>1</sub> anti-histaminic drugs and discuss their uses.
- b) Name two opioid analgesics and list their uses.
- c) Comment on Levodopa and Carbidopa combination.
- d) Rationale for giving Pyridoxine with INH in tuberculosis.
- e) Discuss four uses of corticosteroids.
- f) Enumerate two uses and two adverse effects of Ciprofloxacin.

\*\*\*\*\*