

BACHELOR OF DENTAL SURGERY (2008 COURSE)
SECOND - B.D.S. : WINTER :- 2021
SUBJECT: GENERAL & DENTAL PHARMACOLOGY & THERAPEUTICS

Day : Monday
Date 14-03-2022

W-5755-2021

Time : 09:00 AM-12:00 PM
Max. Marks: 70

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 diuretics. Write mechanism of action, uses and adverse effects of Thiazides. (10)
OR

Classify antiemetic drugs. Give mechanism of action, uses and adverse effects of any one of them.

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

- a) Define obtundents. Classify them and describe any one agent in detail.
- b) What are astringents? Classify them and mention their uses.
- c) Define and enlist mummifying agents. Describe mechanism of action and adverse effects of any one.
- d) Mention ingredients of tooth powder. List detergents and their role in tooth powder.

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

- a) Mention advantages of sublingual route of administration with one example of drug given by this route.
- b) Enlist two adrenergic drugs with their uses.
- c) Classify acid reducing drugs with examples.
- d) Mention two expectorants with their mechanism of action.
- e) Name two Angiotensin converting enzyme inhibitors and give two uses of these drugs.
- f) Define teratogenicity and give two examples of teratogenic drugs.

SECTION – II

Q.4 Classify Non-steroidal anti-inflammatory drugs. Write their mechanism of action, uses and adverse effects. (10)
OR

Classify semisynthetic Penicillin. Write about their mechanism of action, uses and adverse effects.

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

- a) Enlist two anticoagulants and mention their uses.
- b) Name two Benzodiazepines and list their uses with route of administration.
- c) Discuss mechanism of action, uses and adverse effects of Metronidazole.
- d) Innumerate Insulin preparation with their uses and adverse effects.

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

- a) Enlist uses of Vitamin B₁₂.
- b) Define the term bactericidal agent giving two examples.
- c) Mention two uses and two adverse effects of glucocorticoids.
- d) Give rationale for Multi-drug therapy for tuberculosis.
- e) Describe advantages of combining adrenaline with lignocaine.
- f) Name one parenteral iron preparation along with two indications of injectable iron.
