

**II – B.D.S. (2008 COURSE) : WINTER - 2018**

**SUBJECT: GENERAL AND DENTAL PHARMACOLOGY AND THERAPEUTICS**

Day : Monday  
Date : 03/12/2018

**W-2018-3753**

Time: 09.00 AM TO 12.00 NOON  
Max. Marks: 70.

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Both the sections should be written in **SEPARATE** answer books.
- 3) Figures to the **RIGHT** indicate full marks.
- 4) Draw neat labeled diagrams **WHEREVER** necessary.

**SECTION-I**

- Q.1** Long Essay Questions (**Any One**) (10)
- a) Classify adrenergic drugs. Enumerate uses of these drugs giving appropriate examples.
  - b) Classify anti-emetic drugs with examples. Describe mechanism of action, uses and adverse effects of metoclopramide.
- Q.2** Short Essay Questions (**Any Three**) (15)
- a) Define dentrifices. Give various ingredients of dentrifice with its mechanism of action.
  - b) What are astringents? Add a note on Tannic acid.
  - c) Define obtundents. Classify obtundents according to their mechanism of action giving examples.
  - d) Define bleaching agents. Enlist some bleaching agents with their uses.
- Q.3** Write short answer (**Any Five**) (10)
- a) Mention advantages and disadvantages of oral route of administration.
  - b) Enumerate 4 atropine substitutes with their uses.
  - c) Mention 2 uses and 2 adverse effect of Furosemide.
  - d) Write a note on mucolytic agents.
  - e) Give pharmacological basis for the use of Enalapril in congestive cardiac failure.
  - f) Define synergism giving two examples.

**SECTION-II**

- Q.4** Long Essay Questions (**Any One**) (10)
- a) Classify analgesic agents. Discuss the mechanism of action, uses and adverse effects of morphine.
  - b) Classify antidiabetic agents. Describe the mechanism of action and adverse effects of any one group in details.
- Q.5** Short Essay Questions (**Any Three**) (15)
- a) Enumerate uses of Benzodiazepines with drug used and route of administration.
  - b) Discuss mechanism of action, uses and adverse effects of Amoxycillin.
  - c) List uses of H<sub>1</sub> antihistamines.
  - d) Name 2 anticoagulants and mention their uses.
- Q.6** Write short answer (**Any Five**) (10)
- a) Define bactericidal agents giving examples.
  - b) Mention the long term adverse effects of corticosteroids.
  - c) Name one parenteral iron preparation and give its indications.
  - d) Enumerate advantages of combining adrenaline with lignocaine.
  - e) Name 2 antimicrobials which are unsafe in pregnancy giving reasons.
  - f) Enlist the benefits of oral contraceptives.

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