

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

SUBJECT: GENERAL AND DENTAL PHARMACOLOGY AND THERAPEUTICS

Day : **Monday**
Date : **04/06/2018**

S-2018-3585

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 anticholinesterases with examples. Mention uses of Physostigmine.
 - b) Classify antihypertensive agents. Write mechanism of action, uses and adverse effects of Calcium channel blockers.
- Q.2 Short Essay Questions (Any Three) (15)**
- a) Mention the ingredients of mouth wash and write a note on mouth washes for specific problems in oral cavity.
 - b) Define dental caries. Describe measures to prevent and treat dental caries.
 - c) Define obtundents. Classify obtundents and describe any one agent in detail.
 - d) Classify astringents and mention their uses.
- Q.3 Write short answer (Any Five) (10)**
- a) Mention advantages and disadvantages of intravenous route of administration.
 - b) Mention 2 uses of adrenaline giving its pharmacological basis for that use.
 - c) What are antitussives? Give 2 examples.
 - d) Define drug antagonism and give details of competitive antagonism.
 - e) Name 2 skeletal muscle relaxants and mention their uses.
 - f) Write two uses and two adverse effects of Metoclopramide.

SECTION-II

- Q.4 Long Essay Questions (Any One) (10)**
- a) Classify antimalarial drugs. Write mechanism of action, uses and adverse effects of chloroquine.
 - b) Describe mechanism of action and uses of lignocaine. Write a note on surface anesthesia.
- Q.5 Short Essay Questions (Any Three) (15)**
- a) Discuss various Insulin preparations with their uses and adverse effects.
 - b) Mention drugs used in grand mal epilepsy with mechanism of action and adverse effects of any one.
 - c) Discuss uses and adverse effects of Aminoglycosides.
 - d) Enumerate 2 first generation and 2 second generation H₁ antihistaminics with their uses.
- Q.6 Write short answer (Any Five) (10)**
- a) Enlist uses of vitamin B₁₂.
 - b) Name 2 non-steroidal anti-inflammatory agents and 2 opioid analgesics.
 - c) Define the term antibiotic giving examples.
 - d) Enlist 2 therapeutic uses and 2 important adverse effects of corticosteroids.
 - e) Mention uses of Metronidazole.
 - f) Rationale for combining Amoxicillin and Clavulanic acid.

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