

II – B.D.S. (2008 COURSE) : SUMMER - 2019
SUBJECT: GENERAL AND DENTAL PHARMACOLOGY AND THERAPEUTICS

Day: Tuesday
Date: 04/06/2019

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

S-2019-4042

N.B:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Both the sections should be written in **SEPARATE** answer book.
- 4) Draw neat labeled diagram **WHEREVER** necessary.

SECTION-I

- Q.1** Long Essay Questions (**ANY ONE**): **(10)**
- a) Classify anti-anginal drugs. Give mechanism of action, uses and adverse effects of nitroglycerine.
 - b) Classify β blockers with examples. Mention cardiac and non-cardiac uses of β blockers with explanation and drug used for the same use.
- Q.2** Short Essay Questions (**ANY THREE**): **(15)**
- a) Define obtundents. Classify obtundents and describe any one agent in detail.
 - b) Mention properties of ideal dentifrice. Enumerate the ingredients of dentifrices and role of each.
 - c) What are astringents? Classify them and mention their uses.
 - d) Define and enlist mummifying agents. Describe the mechanism of action and adverse effects of tannic acid.
- Q.3** Write short answer (**ANY FIVE**): **(10)**
- a) Mention two anticholinergic drugs with their uses.
 - b) Explain the term prodrug giving examples.
 - c) Enumerate different types of drug antagonism and explain competitive antagonism.
 - d) Comment on the use of spironolactone in combination with thiazides.
 - e) Explain role of mucolytics in productive cough.
 - f) Give 2 examples of prokinetic agents and mention their uses.

SECTION-II

- Q.4** Long Essay Questions (**ANY ONE**): **(10)**
- a) Enumerate antiplatelet drugs. Describe mechanism of action, uses and precautions while using these drugs.
 - b) Classify antiepileptic agents. Describe mechanism of action, uses and adverse effects of phenytoin.
- Q.5** Short Essay Questions (**ANY THREE**): **(15)**
- a) Ciprofloxacin- mechanism of action, uses and adverse effects.
 - b) Name two intravenous general anesthetics and describe salient features of any one of them.
 - c) Discuss preparations and uses of Insulin.
 - d) Name two H_1 anti-histaminics and discuss their uses.
- Q.6** Write short answer (**ANY FIVE**): **(10)**
- a) Mention 4 uses of chloroquine
 - b) Diclofenac-identify the drug and enumerate its uses.
 - c) Name two opioid analgesics and list their uses.
 - d) Mention 2 uses and 2 serious adverse effects of oral contraceptive pills.
 - e) Comment on the combination of Amoxicillin and clavulanic acid.
 - f) Define bacteriostatic agent giving examples.

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