

**II – B.D.S. (2008 COURSE) : WINTER - 2017**

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

Day : Wednesday

Time: 09.00 AM TO 12.00 NOON

Date : 01/11/2017

**W-2017-3495**

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.

**SECTION-I**

**Q.1 Long Essay Questions (Any One) (10)**

- a) Classify  $\beta$ -adrenergic blockers with examples. Explain uses and adverse effects of  $\beta$ -blockers.
- 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 dental caries. Describe measures to prevent and treat dental caries.
- b) Define obtundents. Classify obtundents and describe any one agent in detail.
- c) Classify astringents. Add a note on Tannic acid.
- d) Mention the ingredients of mouth wash and write a note on mouth washes for specific problems in oral cavity.

**Q.3 Short Answer Questions (Any Five) (10)**

- a) Name 2 anticoagulants and describe mechanism of action of any one
- b) Mention 2 uses of adrenaline with its route of administration for each use
- c) Explain the role of mucolytics in productive cough
- d) Define drug antagonism and give details of competitive antagonism
- e) Enumerate uses of Angiotensin converting enzyme inhibitors giving examples
- f) Enlist four atropine substitutes with their uses

**SECTION-II**

**Q.4 Long Essay Questions (Any One) (10)**

- a) Classify Non-steroidal anti-inflammatory agents. Enumerate their uses and adverse effects.
- b) Classify semisynthetic Penicillins. Mention the uses and adverse effects of Amoxicillin.

**Q.5 Short Essay Questions (Any Three) (15)**

- a) Mention 3 groups of oral antidiabetic agents giving their mechanism of action and adverse effects.
- b) Drug therapy of acute attack of vivax malaria.
- c) Discuss mechanism of action and uses of Vitamin K.
- d) Uses of Benzodiazepines.

**Q.6 Short Answer Questions (Any Five) (10)**

- a) Role of  $\beta$  blockers in Hyperthyroidism
- b) Rationale for avoiding Tetracyclines during pregnancy
- c) Name second generation  $H_1$  anti-histaminics with their uses
- d) Mention 2 oral iron preparations with their adverse effects
- e) Rationale for combining lignocaine and adrenaline
- f) Why Phenytoin is avoided in young epileptic females.

\* \* \*