



**PAO-4820**

Seat No. \_\_\_\_\_

**Second Year B. D. S. Examination**

**August - 2020**

**General And Dental Pharmacology And  
Therapeutics**

Time : 3 Hours]

[Total Marks : 70

- Instructions :** (1) Write each section in separate answer book.  
(2) Draw figure wherever necessary.  
(3) Figures on right indicate marks.  
(4) Attend all the questions.

**SECTION - I**

- 1 Classify antihypertensive drugs. Write mechanism of action, therapeutic uses and adverse effects of captopril. **10**

**OR**

Classify drugs used in bronchial asthma. Write drug therapy of status asthmatics.

- 2 Answer in Brief : (Any Five) **10**
- (a) What is therapeutic window? Name two drugs exhibiting therapeutic window.
  - (b) Write four therapeutic uses of beta blockers.
  - (c) Write mechanism of action of loop diuretics.
  - (d) Explain mechanism of action of Heparin as anticoagulant agents.
  - (e) Latanoprost in open angle glaucoma.
  - (f) Explain mechanism of action of paracetamol as analgesic and antipyretic agent.

- 3 Write Short Notes : (Any Five) 15**
- (a) Dentifrices.
  - (b) Therapeutic uses of Opioids.
  - (c) Therapeutic uses of local anaesthetics.
  - (d) Drug synergism.
  - (e) Role of chlorhexidine in dentistry
  - (f) Therapeutic uses of benzodiazepines.

**SECTION - II**

- 4 Classify NSAIDS. Describe mechanism of action, adverse effects, uses and contraindications of aspirin. 10**

**OR**

Classify Corticosteroids. Describe therapeutic uses and adverse effects of corticosteroids.

- 5 Answer in brief : (Any Two) 10**
- (a) Metoclopramide
  - (b) Chloroquine
  - (c) Regular Insulin
- 6 Answer in Brief : (Any Five) 15**
- (a) Omeprazole
  - (b) Mention therapeutic uses of Cetrizine.
  - (c) Domperidone
  - (d) Oral rehydration salt
  - (e) Metronidazole
  - (f) Metformin