

22223

3 Hours / 80 Marks



20221

Seat No. 

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- Instructions* –
- (1) All Questions are *Compulsory*.
  - (2) Answer each next main Question on a new page.
  - (3) Illustrate your answers with neat sketches wherever necessary.
  - (4) Figures to the right indicate full marks.
  - (5) Assume suitable data, if necessary.
  - (6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.
  - (7) In case student has attempted sub-question of question no. 3 more than once, only first attempt should be considered for assessment.

**Marks**

**30**

**1. Attempt any SIX of the following:**

- a) Define Antihypertensive agents. Classify them. Mention types of Hypertension.
- b) What are Opioid Analgesics? Give examples. Write pharmacological actions of morphine.
- c) Define Bioavailability and Biotransformation. Explain various routes of Drug Excretion.
- d) Define chemotherapy. Give classification of antibiotics based on type of bacteria. Explain drug combination is used in treatment of tuberculosis.
- e) Define Local Anaesthetics. Give two examples. Write uses of local anaesthetic.
- f)
  - i) What are corticosteroids? Give examples.
  - ii) Write note on Thyroid hormones.
- g) Define Antiemetics. Give two examples, classify antiulcer agents with examples.

**2. Attempt any TEN of the following:**

**30**

- a) Describe drugs used in treatment of Atherosclerosis.
- b) Explain advantages and disadvantages of parenteral route of administration.
- c) Give one example of each :
  - i) Thrombolytic
  - ii) Anti-platelet
  - iii) Haematinic
- d) Classify cholinergic (parasympathomimetics) drugs.
- e) Define Autocoids. Give examples. Explain : physiological role of prostaglandins.
- f) Define and classify bronchodilators.
- g) Classify anti-convulsants with examples.
- h) Define diuretics and give indications for use of diuretics.
- i) What is insulin used for? What is its route of administration? Mention its adverse effects.
- j) Define anthelmintics. Give examples. Explain : Anthelmintics are administered with purgative
- k) Write examples and therapeutic uses of aminoglycoside antibiotics.

P.T.O.

**3. Attempt ALL of the following:**

- a) Define cardiotonics.
- b) Give two examples of Nootropic agents.
- c) Give full form of NSAID.
- d) Mention two groups of medicines that come under Biologicals.
- e) Give route of administration for each: Salbutamol and Neostigmine
- f) Chlorzoxazone is used as:
  - i) Antiparkinsonian
  - ii) Antihistaminic
  - iii) Centrally acting muscle relaxant
  - iv) Antibiotic
- g) Give two examples of antidiarrhoeal agents.
- h) Name the antidote for iron poisoning.
- i) What is therapeutic index.
- j) Mention drug of choice in treatment of Belladonna poisoning.
- k) Route of administration of Halothane is \_\_\_\_\_.
- l) Mention two common side effects of antineoplastic agents.
- m) Give one example of mydriatic.
- n) MAO inhibitors are used as
  - i) Antiintective
  - ii) Antidepressants
  - iii) Antihistaminics
  - iv) Antipyretics
- o) Mention therapeutic use of each :
  - i) Methimazole
  - ii) Metformin
- p) Frusemide is used as :
  - i) Analgesic
  - ii) Adsorbent
  - iii) Antibiotic
  - iv) Diuretic
- q) Triple response is produced by :
  - i) Heparin
  - ii) Heroin
  - iii) Histamine
  - iv) Hydrocortisone
- r) Mention therapeutic use of each :
  - i) Acyclovir
  - ii) Fluconazole
- s) This drug is contraindicated in pregnancy :
  - i) Paracetamol
  - ii) Tetracycline
  - iii) Folic acid
  - iv) Methyldopa
- t) Dale's vasomotor reversal is shown by \_\_\_\_\_