

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.

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| | Marks |
| 1. Attempt any <u>SIX</u> of the following: | 30 |
| <p>a) Define Antihypertensive agents. Classify them. Mention types of Hypertension.</p> <p>b) What are Opioid Analgesics? Give examples. Write pharmacological actions of morphine.</p> <p>c) Define Bioavailability and Biotransformation. Explain various routes of Drug Excretion.</p> <p>d) Define chemotherapy. Give classification of antibiotics based on type of bacteria. Explain drug combination is used in treatment of tuberculosis.</p> <p>e) Define Local Anaesthetics. Give two examples. Write uses of local anaesthetic.</p> <p>f) i) What are corticosteroids? Give examples.
ii) Write note on Thyroid hormones.</p> <p>g) Define Antiemetics. Give two examples, classify antiulcer agents with examples.</p> | |
| 2. Attempt any <u>TEN</u> of the following: | 30 |
| <p>a) Describe drugs used in treatment of Atherosclerosis.</p> <p>b) Explain advantages and disadvantages of parenteral route of administration.</p> <p>c) Give one example of each :</p> <p style="margin-left: 20px;">i) Thrombolytic</p> <p style="margin-left: 20px;">ii) Anti-platelet</p> <p style="margin-left: 20px;">iii) Haematinic</p> <p>d) Classify cholinergic (parasympathomimetics) drugs.</p> <p>e) Define Autocoids. Give examples. Explain : physiological role of prostaglandins.</p> <p>f) Define and classify bronchodilators.</p> <p>g) Classify anti-convulsants with examples.</p> <p>h) Define diuretics and give indications for use of diuretics.</p> <p>i) What is insulin used for? What is its route of administration? Mention its adverse effects.</p> <p>j) Define anthelmintics. Give examples. Explain : Anthelmintics are administered with purgative</p> <p>k) Write examples and therapeutic uses of aminoglycoside antibiotics.</p> | |

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 _____