

0813

11122

3 Hours / 80 Marks

Seat No.

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- Instructions* – (1) All Questions are *compulsory*.  
(2) Answer each next main Question on a new page.  
(3) Figures to the right indicate full marks.  
(4) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

**Marks**

1. Define the following terms with one example of each. (any **FIVE**) 10
- a) General Anaesthetics
  - b) Haematinics
  - c) Sympathomimetics
  - d) Antiemetics
  - e) Tranquilizers
  - f) Antidote
  - g) Contraceptives
2. Attempt any **FOUR** of the following: 14
- a) Classify non steroidal antiinflammatory drugs. Mention therapeutic uses and contraindications of Aspirin.
  - b) Explain the terms: Chemotherapy, Therapeutic Index, Toxicology.
  - c) Define Diarrhoea. Classify antidiarrhoeal drugs. Mention their mechanism of action.

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- d) What is Parkinsonism? Mention the drugs used in Parkinsonism. Mention their adverse effects.
- e) Classify anti-hypertensives with examples.
- f) What is Tuberculosis? Explain chemotherapy of Tuberculosis.

**3. Attempt any SEVEN of the following:**

**14**

- a) Name the drug of choice in following condition.
  - (i) Thrombosis
  - (ii) Gout
  - (iii) Gonorrhoea
  - (iv) Glaucoma
- b) Mention dose of following drugs.
  - (i) Mebendazole
  - (ii) Dapsone
  - (iii) Paracetamol
  - (iv) Ranitidine
- c) Mention route of administration of following drugs.
  - (i) Diazepam
  - (ii) Mannitol
  - (iii) Nystatin
  - (iv) Salbutamol
- d) Name one drug each which produces following effect.
  - (i) Spasmogenic
  - (ii) Cycloplegia
  - (iii) Bone and teeth deformity
  - (iv) Anaphylaxis.

e) Name one drug contraindicated in following condition.

- (i) Congestive cardiac failure
- (ii) Insomnia
- (iii) Pheochromocytoma
- (iv) Pregnancy

f) Mention uses and side effects of following drugs.

- (i) Propranolol
- (ii) Chlorpromazine

g) Give major adverse effects of:

- (i) Quinine
- (ii) Corticosteroids.

h) Mention antidote in case of poisoning due to

- (i) Barbiturates
- (ii) Heavy metals

i) Mention two names each of:

- (i) Antiviral drugs
- (ii) Disinfectants.

**4. Attempt any FOUR of the following:**

**14**

- a) Mention the two types of Diabetes Mellitus. Discuss different types of Insulin preparations.
- b) Explain 'Anti-ulcer drugs.
- c) What are 'Sedatives and Hypnotics'? Give their classification with examples.
- d) Write a note on 'Preanesthetic Medication'.
- e) What are diuretics? Classify diuretics. Explain 'Thiazides' as diuretics.
- f) Explain various routes of administering drugs. Mention advantages of sublingual route of administration.

**5. Attempt any FOUR of the following: 14**

- a) Define 'Autocoids'. What is 'Triple response of Histamine'? Give examples of antihistaminic drugs.
- b) Write a note on 'Status Asthmaticus'.
- c) Mention various factors influencing absorption of drugs and explain any two of them.
- d) What are local anaesthetics? Mention ideal properties of local anaesthetics.
- e) What is Pharmacokinetics'? Explain important channels of drug excretion.
- f) Mention different types of tumor. Explain different ways of treating cancer. Mention common side effects of anticancer drugs.

**6. Give reasons for any SEVEN of the following: 14**

- a) Lactobacillus is given with same antibiotics.
  - b) Chloramphenicol therapy is supplemented with iron preparations.
  - c) In treatment of myasthenia gravis, along with Neostigmine, Atropine is administered.
  - d) Morphine is strictly contraindicated in children, old people and carrying women.
  - e) Anti epileptics should not be withdrawn abruptly.
  - f) Organophosphorous compounds are not used for therapeutic purpose.
  - g) Dextran is given by I.V. drip.
  - h) Digitalis is called as 'Cardiotonic'.
  - i) Ephedrine is preferred to atropine to produce mydriasis in elderly patients.
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