

24225

03 Hours / 80 Marks



0813

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) Assume suitable data, if necessary.
 - (5) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. Define any EIGHT of the following terms with one e.g.:

16

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|-----------------------|------------------------|
| a) Anticonvulsants | b) Analeptics |
| c) Antiparkinsonian | d) Tranquillizers |
| e) Local anaesthetics | f) Antitussive |
| g) Antiviral | h) Antiseptics |
| i) Haematinics | j) Mydriatics |
| k) Emetics | l) Oral contraceptives |

2. Attempt any FOUR of the following:

12

- a) Explain the term –
 - i) Therapeutic Index
 - ii) Pharmacology
- b) Classify sedatives and hypnotics with e.g.
- c) Define absorption of drug. Explain any four factors affecting on absorption of drug.
- d) State, what are NSAIDS ? Classify with e.g.
- e) Enlist different routes of administration of drug. Give two advantages and disadvantages of oral route.
- f) Explain three types of drug actions with e.g.

3. Attempt any FOUR of the following:

12

- a) Give route of administration of following drugs –
 - i) Ephedrine
 - ii) Insulin
 - iii) Heparin
- b) Name the drug which produces following effects.
 - i) Gray baby syndrome
 - ii) Photophobia
 - iii) Ototoxicity
- c) Mention the uses of following drugs.
 - i) Mephensine
 - ii) Nystatin
 - iii) Metronidazole

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- d) Give the dose of following drugs.
- i) Mebendazole
 - ii) Omiprazole
 - iii) Diclofenac
- e) Name the drug used in following conditions –
- i) Rhumatism
 - ii) Glacoma
 - iii) Migraine
- f) Give the adverse effects of following drugs –
- i) Dapsone
 - ii) Quinine
 - iii) Methotrexate

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

12

- a) Define antihypertensive. Classify it with suitable examples.
- b) Explain various stages of general anaesthesia.
- c) Give causes, symptoms and treatment of organophosphorus compound poisoning.
- d) Explain the term 'Dales vasomotor reversals'.
- e) Define Bronchial asthma. Give its type and treatment.
- f) Define the term Autocoids. Explain triple response of histamine.

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

12

- a) Define oral hypoglycemic agents ? Give difference between sulphonyl urea and biguanides.
- b) Define Diuretics and classify them with suitable examples.
- c) Explain the term plasma expanders and Haemostatic with examples.
- d) Give mechanism of action, adverse effects and uses of digitallis.
- e) Define the terms –
 - i) Synergism
 - ii) Tolerance
 - iii) Antagonism
- f) Classify antineoplastic drugs with suitable examples.

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

16

- a) Morphine causes constipation.
 - b) Ach not used clinically.
 - c) Antitubercular drugs used in combinations.
 - d) Penicilline is life saving as well as life threatning drug.
 - e) Tetracycline contraindicated in children and pregnant women.
 - f) Chlorpromazine called as largactil.
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