

23124

3 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) 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 two examples each.** **16**
 - a) First Pass Effect
 - b) Disinfectant
 - c) Anti-emetics
 - d) Anti-tussive agents
 - e) Haematinics
 - f) Analeptic
 - g) Diuretics
 - h) Oral contraceptives
 - i) Toxicology
 - j) Anti-diarrhoeal agents
 - k) Pharmacokinetics
 - l) Local anaesthetics

2. **Attempt any FOUR of the following :** **12**
 - a) Explain the term miotics and mydriatics with examples.
 - b) Explain the triple response of histamine. Classify anti-histaminics with example.
 - c) Classify different routes of drug administration. Give advantage and disadvantage of Parenteral route.
 - d) Define pharmacodynamics. Explain different types of drug actions.
 - e) Classify anti-hypertensive agents with examples.
 - f) Enlist properties of ideal general anaesthetics. Write a note on Pre-anaesthetic medication.

3. **Attempt any FOUR of the following :** **12**
 - a) Mention antidotes in case of poisoning due to
 - i) Barbiturates
 - ii) Atropine
 - iii) Morphine
 - b) Mention adverse effect of each of the following
 - i) Streptomycin
 - ii) Rifampicin
 - iii) Isoniazid

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- c) Mention drugs which produces following adverse effect
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|-----------------------|-------------------------|
| i) Cinchonism | iv) Salicylism |
| ii) Black water fever | v) Gingival Hyperplasia |
| iii) Anaphylaxis | vi) Teratogenic effect |
- d) Mention route of administration of the following drugs.
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|-----------------|--------------------|
| i) Warfarin | iv) Hyoscine |
| ii) Heparin | v) Atorvastatin |
| iii) Salbutamal | vi) Nitroglycerine |
- e) Mention therapeutic use of following drugs
- | | |
|-----------------|--------------------|
| i) Grisefulvin | iv) Noscapine |
| ii) Acyclovir | v) Bisacodyl |
| iii) Loperamide | vi) Xylometazoline |
- f) Give the drug of choice for following conditions.
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|------------------------|
| i) Leprosy |
| ii) Status epilepticus |
| iii) Leukemia |

4. Attempt any FOUR of the following : **12**

- a) Classify antineoplastic agents with examples.
- b) Give pharmacological action of Insulin and mention various types of Insulin preparation.
- c) Write mechanism of action and therapeutic uses of Penicillin.
- d) Explain the term drug tolerance. Describe different types of drug tolerance.
- e) Give symptoms and treatment for organophosphorous compound poisoning.
- f) Give pharmacological profile of aspirin.

5. Attempt any FOUR of the following : **12**

- a) Classify antiasthmatics with example.
- b) Explain Dales Vasomotor reversal phenomenon in detail.
- c) Define Synergism. Write note on Co-trimoxazole.
- d) Describe mechanism of action and write therapeutic use of Digitalis
- e) Classify drugs used in treatment of peptic ulcer.
- f) State factor modifying drug absorption and explain any two of them.

6. Give reasons for any FOUR of the following : **16**

- a) Vitamin B₁₂ injection is given in pernicious anaemia.
 - b) Chlorpromazine is called Largactil.
 - c) Tetracycline is contraindicated in pregnant women and children.
 - d) Atropine is given in combination with Neostigmine in myaesthesia gravis.
 - e) L-DOPA is given along with carbidopa.
 - f) Purgatives are administered with antehelminthics.
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