

22223

3 Hours / 80 Marks



0813

Seat No.

--	--	--	--	--	--	--	--

- 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.

Marks

1. **Define the following terms and give TWO suitable examples of each.** **16**

a) Anticonvulsants	b) Haemostatic Agents
c) Antithyroid Drugs	d) Miotics
e) Antineoplastics	f) Tranquillizers
g) Cholinergic Agents	h) Autocoids
i) Plasma Expanders	j) Antifungal agents

2. **Attempt any FOUR of the following:** **12**
 - a) Describe pharmacological profile of oral contraceptive.
 - b) Explain triple response of histamine and define antihistaminic drugs with example.
 - c) What is preanesthetic medication? What is its purpose and which categories of drugs are employed for it?
 - d) Define drug tolerance. Describe different types of drug tolerance.
 - e) Define diarrhoea. Classify antidiarrheal drugs. Mention their (any 2 classes) mechanism of action.
 - f) Mention different routes of drug administration. Give advantages and disadvantages of Inhalation.

3. **Attempt any FOUR of the following:** **12**
 - a) Drug of choice :-

i) Typhoid	ii) Cardiac arrhythmia
iii) Candidiasis	iv) Motion Sickness
v) Gout	vi) Round worm infection
 - b) Adverse effect :-

i) Phenobarbitone	ii) Adrenaline
iii) Quinine	iv) Propranolol
v) Ibuprofen	vi) Ethambutol
 - c) Name one drug each which produces following effect.

i) Hypoglycemia	ii) Gray baby syndrome
iii) Tinnitus	iv) Euphoria
v) Photophobia	vi) Bone and teeth deformity

P.T.O.



- d) Name the drug contraindicated in following condition.
- | | |
|-----------------|-----------------------|
| i) Peptic Ulcer | ii) Liver damage |
| iii) Insomnia | iv) Myasthenia gravis |
| v) Pregnancy | vi) Glaucoma |
- e) Mention the trade name for following drugs.
- | | |
|------------------|----------------|
| i) Progesterone | ii) Folic acid |
| iii) Paracetamol | iv) Diazepam |
| v) Bisacodyl | vi) Metformin |
- f) Mention preferable route of administration of following drugs.
- | | |
|-----------------------|--------------------|
| i) Insulin | ii) Lignocaine |
| iii) Trinitroglycerin | iv) Cyclopentolate |
| v) Diclofenac | vi) Vitamin K |

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

- State the therapeutic uses and side effects of the tetracycline.
- Mention factors affecting drug absorption. Explain Physiological (any 2) factors.
- Discuss the symptoms and treatment of belladonna poisoning.
- What is therapeutic index? Explain what is margin of safety?
- Define and classify diuretics with examples.
- What is Diabetes Mellitus? Classify antidiabetic drugs with suitable examples.

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

- Classify anticoagulants. Give mechanism of action of Warfarin.
- What is hypertension? Classify antihypertensives with one example each.
- Define bronchial asthma. Give its types. Discuss treatment of status asthmaticus.
- What are gastric antacids? Mention properties of good antacid.
- Classify NSAIDs with one example each. Give treatment for Salicylate poisoning.
- Give mechanism of action for. (any two)
 - Digitalis
 - Angiotensin converting enzyme inhibitors
 - Local Anaesthetics

6. Give reason for following statement. (Any EIGHT) **16**

- Multidrug therapy is effective in the treatment of T.B.
- Neostigmine is used along with Atropine in myasthenia gravis.
- Use of purgative is essential with piperazine.
- Adrenaline is present in emergency kit of physician.
- Chlorpromazine is called Largactil.
- Sulphonamides are not much in use now a days.
- Toxicity of digitalis is increased by Chlorthiazide.
- Probiotics are sometimes administered with antibiotics.
- Ephedrine is used as mydriatic in elderly people.
- Why Carbidopa is given along with Levodopa?