

12425

03 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) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.
 - (6) In case student has attempted sub-question of question no. 3 more than once, only first attempt should be considered for assessment.

Marks

1. Attempt any SIX of the following:

30

- a) Which route of drug administration have 100% bio-availability and used in emergency conditions? State its any four advantages and disadvantages.
- b) Explain pharmacological actions of the Acetylcholine. Why Acetylcholine is not used clinically?
- c) How cancer is treated in different ways?
- d) Explain Tolerance with its types and examples.
- e) Enlist and explain the factors affecting absorption of drugs.
- f) Classify Antihypertensive drugs with examples of drugs.
- g) How synergism, cumulation and sex modify the actions of drugs.

2. Attempt any TEN of the following:

30

- a) Classify Antiasthmatic drugs with examples.
- b) What is preanaesthetic medication? Discuss its importance with drugs.
- c) Define Haematinics and Anticoagulants along with its examples.
- d) Explain oral contraceptives with its types or methods.
- e) Define Miotics and Cycloplegics with examples of drugs.
- f) Define and classify Diuretic drugs.
- g) Explain Emetics and skeletal muscle relaxants with examples.
- h) Why morphine is contraindicated in head injury and Aspirin in peptic ulcer.
- i) Define Nootropics and Biologicals with one example each.
- j) Why Adrenaline is used in emergency kit of physician?
- k) Explain Antihistaminic drugs with examples.

P.T.O.

**3. Attempt ALL of the following:**

- a) Define pharmacokinetics.
- b) Enlist four routes under parenteral route of administration.
- c) Placebos therapy produces.
 - i) Effect on the disease.
 - ii) Psychological relief.
 - iii) Physical relief.
 - iv) None of these.
- d) Digitalis acts as a drug.
 - i) Cardiotonic
 - ii) Antianginal
 - iii) Antihypertensive
 - iv) All of these.
- e) Following are the Gastric Antacids except
 - i) Sodium Bicarbonate
 - ii) Magnesium trisilicate
 - iii) Castor oil
 - iv) Aluminium hydroxide
- f) is used in treatment of Hyperthyroidism.
- g) Codeine clinically is used as
- h) Define Mucolytic agents.
- i) Pilocarpine is used in treatment of
- j) Penicillin shows as adverse effect.
- k) Tetracycline is the drug of choice in treatment of which disease?
- l) Name one Antifungal drug.
- m) To avoid adverse effect, Isoniazide is taken with –
 - i) Haematinics
 - ii) Purgatives
 - iii) Lactobacillus
 - iv) Pyridoxine.
- n) Following drugs are avoided in Pregnancy except
 - i) Morphine
 - ii) Ergot
 - iii) Purgatives
 - iv) Folic acid
- o) Which drug shows ototoxicity as a side effect?
- p) What is cotrimoxazole?
- q) Name the antidote for organophosphorus compound poisoning
- r) Levodopa is always given in combination with
- s) What is Lithium carbonate used as
- t) Define Analeptic drug