

22223

3 Hours / 80 Marks



0816

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

Marks

1. Attempt any EIGHT of the following:

16

- a) Define the following terms. (any two)
 - i) Hospital pharmacy
 - ii) Patient compliance
 - iii) Drug dependence
- b) Translate into english. (any two)
 - i) Cataplasma
 - ii) Hora somni
 - iii) Unus
- c) Give normal values of (any two)
 - i) Blood cholesterol
 - ii) WBC
 - iii) Haemoglobin
- d) Enlist the ideal properties of parenteral products.
- e) Write the different sources of information for DIC.
- f) What advice must be given to patients while using following drugs. (any two)
 - i) Ampicillin
 - ii) Phenytoin
 - iii) Salicylates
- g) Write the use of following instruments in hospital. (any two)
 - i) Aneurysm needle
 - ii) Haemostatic forcep
 - iii) Rubber catheters
- h) Explain the types of outpatients.
 - i) What is difference between sign and symptom of a disease.
- j) Write the objectives of clinical pharmacy.
- k) Define floor stock drugs. Explain its types.
- l) Explain the following (any two)
 - i) Allergic drug reaction
 - ii) CT scanner
 - iii) ECG



2. **Attempt any FOUR of the following:** 12
- Classify hospitals on non-clinical basis.
 - Write the functions of hospital pharmacy.
 - Explain the drug distribution system in OPD.
 - What is unit dose dispensing. Give its benefits.
 - Explain scope of clinical pharmacy services.
 - Enlist the abilities required for hospital pharmacist. Explain any two of them.
3. **Attempt any FOUR of the following:** 12
- How non-charge floor stock drugs are dispensed in hospital.
 - Explain the administrative patterns in CSSD department.
 - Describe the methods of estimation of demand in hospital.
 - Write the role of pharmacist in patient counselling.
 - Explain the layout of sterile product area.
 - What is legal significance of hospital formulary.
4. **Attempt any FOUR of the following:** 12
- What is purchase procedure in hospital.
 - Write pathophysiology and sign and symptoms of diabetes.
 - Explain drug food interaction with examples.
 - Write the functions of PTC.
 - Define ADR. Give reasons for ADR.
 - Write in detail about bulk concentrates.
5. **Attempt any FOUR of the following:** 12
- Write the symptoms and treatment for opium poisoning.
 - Define surgical dressings. Give any four test for evaluation of absorbent cotton wool I.P.
 - Explain role of computer in maintenance of records.
 - Differentiate between drug addiction and drug habituation.
 - Enlist the factors affecting bioavailability and explain any one pharmaceutical factors.
 - What qualities are required for pharmacist to run DIS.
6. **Attempt any FOUR of the following:** 16
- Who is administrator? Explain his responsibilities in hospital.
 - Explain the following
 - Analeptics
 - Carminatives
 - Sialagogues
 - Expectorant
 - Describe the steps in sterile product preparation.
 - Define drug interaction and explain any two pharmacodynamic mechanisms with examples.
 - Write the pathophysiology and sign and symptoms of tuberculosis or rheumatoid arthritis.
 - Classify antidotes with examples.
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