

00816

11718

3 Hours / 80 Marks

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.

**Marks**

**1. Solve any EIGHT :**

**16**

- (a) Define : (any **two**)
  - (i) Surgical Dressing
  - (ii) Hospital
  - (iii) Drug Tolerance
- (b) Give normal values of (any **two**)
  - (i) Blood sugar
  - (ii) Blood cholesterol
  - (iii) Sperm count
- (c) What advice must be given to patients while using following drugs : (any **two**)
  - (i) MAO Inhibitors
  - (ii) Diazepam
  - (iii) Phenolphthalein

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**P.T.O.**

- (d) Mention any four reasons for patient non-compliance.
- (e) Write the objectives of clinical pharmacy (any **four**).
- (f) What do you mean by
  - (i) Lithotripsy
  - (ii) MRI
  - (iii) Crutches
- (g) State the meanings of (any **two**)
  - (i) Anuria
  - (ii) Bradycardia
  - (iii) Hypertension
- (h) Translate into English (any **two**)
  - (i) Guttae
  - (ii) Semel in die
  - (iii) Hora somni
- (i) Mention abnormal constituents of urine with its significance (any **two**).
- (j) What these abbreviations stand for : (any **two**)
  - (i) TPN
  - (ii) SWFI
  - (iii) BAL
- (k) Draw the flow chart for the movement of patients in a typical hospital.
- (l) Write the name of any two types of scissors with their uses.

**2. Solve any FOUR:** **12**

- (a) Write the functions of the Administrator in the hospital.
- (b) Define clinical pharmacy. Write the functions of clinical pharmacist.
- (c) Write content and significance of medication history of patient.
- (d) Differentiate between drug addiction and drug habituation.
- (e) Describe the functions of hospital.
- (f) Write the requirement of equipments for the manufacturing of compressed tablets.

**3. Solve any FOUR:** **12**

- (a) Write a note on addition or deletion of drug in the hospital formulary.
- (b) Describe the procedure for purchasing of drug in the hospital.
- (c) Explain withdrawal symptoms and treatment in Narcotic addiction.
- (d) Explain the abilities required for hospital pharmacist.
- (e) Write the pathophysiology and sign and symptoms of Rheumatoid arthritis.
- (f) Write any two pharmacodynamic drug interactions of drugs.

**4. Solve any FOUR :** **12**

- (a) Differentiate between SVP and LVP.
- (b) Discuss the factors affecting make or buy decision.
- (c) Define ADR. Write drug induced liver disorders.
- (d) Write pathophysiology, signs and symptoms of peptic ulcer.

**P.T.O.**

- (e) Explain the importance of computer in Medication Monitoring in hospital.
- (f) Define teratogen. Explain teratogenicity with examples.

**5. Solve any FOUR :****12**

- (a) Write in short about
  - (i) Ryle's tube
  - (ii) Crepe bandage
- (b) Discuss any three examples of analgesic drug interactions.
- (c) Where should the central sterile service department be located in a hospital ?  
Draw the layout of CSSD.
- (d) What is drug food interaction ? Explain with examples.
- (e) What is DIB ? Write the need of DIB.
- (f) Discuss about the general steps involved in treatment of poisoning.

**6. Solve any FOUR :****16**

- (a) What is Floor Stock Distribution System ? Discuss its merits and demerits.
  - (b) What is PTC ? Write its role in ADR.
  - (c) Classify poisons with examples.
  - (d) Write physiochemical factors affecting on bioavailability. Explain any two physiochemical factors with examples.
  - (e) Classify hospitals on the basis of bed capacity and clinical parameter with examples.
  - (f) Draw the layout of sterile product area. Write about "Aseptic area" for the manufacture of sterile products.
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