

0816

15116

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) Figures to the right indicate full marks.

**Marks**

**1. Attempt any TEN :**

**20**

- (a) Define Hospital and Floor-stock.
- (b) Write four types of Forceps.
- (c) Define (any two) :
  - (i) Drug Abuse
  - (ii) Pyrogen
  - (iii) Antidote
- (d) Explain (any two) :
  - (i) Bioequivalence
  - (ii) Hallucinogen
  - (iii) Lithotripsy
- (e) Write one example of corrosive and mechanical poison.
- (f) Write about Anaphylaxis or Idiosyncrasy.
- (g) Write result of Drug Interaction : (any two)
  - (i) Warfarin along with salicylates
  - (ii) Rifampicine along with oral contraceptives.
  - (iii) Alcohol with C.N.S. depressant.
  - (iv) Digitalis glycosides along with antacid.

**P.T.O.**

- (h) What advice should be given to patient who takes : (any two)
  - (i) Antidiabetic drug
  - (ii) Ampicillin
  - (iii) Tetracycline
  - (iv) Diazepam
- (i) Write normal values and significance of (any two)
  - (i) Haemoglobin
  - (ii) Blood pressure
  - (iii) W.B.C.
  - (iv) Blood sugar
- (j) Translate into English : (any four)
  - (i) Cataplasma
  - (ii) Collyr
  - (iii) Garg
  - (iv) Ung
  - (v) Unus
  - (vi) Tussis
- (k) Write names of four quality control tests performed on parenterals or tablets.
- (l) What is meaning of following : (any four)
  - (i) I.C.U.
  - (ii) C.C.F.
  - (iii) K.U.B.
  - (iv) B.B.B.
  - (v) H.R.T.
  - (vi) U.T.I.

**2. Attempt any THREE : 12**

- (a) Define and write functions of Hospital Pharmacy.
- (b) Describe functions of Hospital Administrator.
- (c) Write purpose, principles and contents of medical record.
- (d) Classify hospitals on the basis of ownership.
- (e) Draw and describe flow chart of patients in Hospital.

**3. Attempt any THREE : 12**

- (a) Describe location and layout of out Patient Dispensary.
- (b) How pre-packaging is carried out ? What are its benefits ?
- (c) What are charge floor-stock drugs ? What are methods to dispense the drugs ?
- (d) What is central service ? Write three administrative patterns of central service.
- (e) Explain how purchase order is prepared and distributed.

**4. Attempt any THREE : 12**

- (a) What is Laminar Flow ? Write about Laminar Flow bench with diagram.
- (b) Describe layout of sterile products area with diagram.
- (c) Write composition, functions of PTC. What is role of PTC in ADR ?
- (d) What is Hospital Formulary ? What are contents of hospital formulary ?
- (e) What qualities should be required for the Pharmacist to run drug information services ?

**5. Attempt any THREE : 12**

- (a) Mention four categories of surgical dressings and mention two tests to evaluate absorbent Cotton.
- (b) How computers are useful to maintain records in hospital ?
- (c) Write sources of drug information.
- (d) Define clinical pharmacy. Write functions of clinical pharmacist.
- (e) Describe procurement or purchase procedure step by step.

**6. Attempt any THREE :****12**

- (a) What is patient compliance ? Which instructions should be given by pharmacist to patient to improve compliance ?
  - (b) Define and classify Adverse Drug Reaction.
  - (c) Define Teratogen. Describe Teratogenicity.
  - (d) Define Bioavailability. Write factors affecting Bioavailability. Discuss physical factors which affect it.
  - (e) Write pathophysiology, signs and symptoms and complications of diabetes or arthritis.
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