

23124

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 and enlist the types of outpatient.
- b) What advice will you give to patient using following drugs. (Any two)
 - i) Diazepam
 - ii) MAO Inhibitor
 - iii) Spermicidal creams and jellies
- c) Translate the terms into English. (Any four)
 - i) Collutorium
 - ii) Semel in die
 - iii) Nebula
 - iv) Auristillae
 - v) Hora Somni
- d) What do these abbreviations stand for?
 - i) BAL
 - ii) MRI
 - iii) EDTA
 - iv) ECG
- e) Give normal physiological values for: (Any two)
 - i) Clotting time of blood
 - ii) Pulse rate
 - iii) Haemoglobin
- f) Differentiate between Drug Addiction and Drug Habituation.
- g) Define the following terms:
 - i) Bioequivalence
 - ii) Cholagogues
- h) Write a note on DIB.
- i) What does HEPA stand for? Write the efficiency of HEPA filter.
- j) Write uses of:
 - i) CT Scan
 - ii) Lithotripsy
- k) Write the composition of PTC.
- l) Who are responsible for handling Central Sterile Services?

2. Attempt any FOUR of the following:

12

- a) Define poison and classify it with example.
- b) Explain the Technical and Manufacturing abilities required for hospital pharmacist.
- c) How drugs are dispensed by non-charged floor-stock system?
- d) Define clinical pharmacy. Write objectives of clinical pharmacy.
- e) How computer will help in medication monitoring of patient.
- f) Explain Drug-food interaction with examples.

P.T.O.



3. **Attempt any FOUR of the following:** 12
- Define hospital. Classify hospital on the basis of ownership and control.
 - Write any three evaluation test for parentals.
 - What is hospital formulary? How drugs are added and deleted from formulary?
 - Explain the contents of Patient Counselling.
 - What are the steps in general treatment for poisoning? Give composition of universal antidote.
 - Describe layout for sterile product area.
4. **Attempt any FOUR of the following:** 12
- Define Adverse drug reaction and classify it.
 - Explain in brief 'Health Delivery System in India' at state level.
 - Describe any three standard test for evaluation of Absorbent cotton as per I.P.
 - Define Drug abuse. Write the treatment of it.
 - Define Bioavailability. Explain how pharmaceutical factors affect bioavailability of drug.
 - What do you understand by Tuberculosis? Write pathophysiology, sign and symptoms of Tuberculosis.
5. **Attempt any FOUR of the following:** 12
- Define Drug-interaction. Write mechanism of interactions when following drugs are prescribed together.
 - Phenylbutazone and Warfarin
 - Diuretic and Antidiabetic
 - Define patient compliance. What factors contribute to non-compliance of patient?
 - What is PTC? Write the role of PTC in ADR.
 - Write objective and functions of hospital pharmacy.
 - Define surgical dressing. Write ideal properties of surgical dressing.
 - Explain the methods for estimation of demand.
6. **Attempt any FOUR of the following:** 16
- Write a note on:
 - Idiosyncrasy
 - Bed-side pharmacy
 - Write pathophysiology of Hepatitis.
 - What is unit dose dispensing? How drugs are dispensed by unit dose dispensing system?
 - What are suppositories? How suppository is prepared?
 - Explain the terms:
 - Teratogenicity
 - Anaphylaxis
 - Describe the procedure of purchasing in hospital.
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