

24225

03 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) 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 any two :
 - i) Hospital
 - ii) Hospital Pharmacy
 - iii) Patient Compliance
- b) Define bioavailability and bioequivalence.
- c) What is universal antidote? Give its composition.
- d) Define drug interaction.
- e) Give normal values (Any two)
 - i) Cholesterol
 - ii) Blood Sugar
 - iii) Sperm count
- f) Define unit dose dispensing. Write two advantages.
- g) Write composition of ITC.
- h) Enlist any two name of software used in hospital.
- i) Explain the meaning of following term. (Any two)
 - i) Lithotripsy
 - ii) Carminatives
 - iii) Mydriatics
- j) Give the English meaning of following Latin term
 - i) Pasta
 - ii) Gutta
 - iii) Pulvis
 - iv) Bini
- k) Define DIB and Write two points of its importance.
 - l) Mention the method of sterilization for –
 - i) Cotton
 - ii) Syringe

2. Attempt any FOUR of the following:

12

- a) Discuss flock stock distribution system in hospital.
- b) Explain about the types of drug interaction.
- c) Discuss about the location and layout of hospital Pharmacy.
- d) Explain in brief the ABC and EOQ system of inventory control.
- e) Give the application of computer in Pharmacy.
- f) Explain the principle and working of hot air oven.



3. **Attempt any FOUR of the following:** 12
- a) Explain the role of PTC in ADR.
 - b) Explain the purchasing procedure of Pharmaceutical product.
 - c) Define drug abuse. Write the general treatment of drug abuse.
 - d) Discuss any three physiological factors affecting bioavailability.
 - e) Discuss the methods of estimation of demand.
 - f) Define DIC. Write sources of drug information.
4. **Attempt any FOUR of the following:** 12
- a) What is prepackaging of medicines? Give its advantages.
 - b) Give the functions of PTC (Any six)
 - c) Discuss about food drug interaction.
 - d) Name any six surgical instruments with their use.
 - e) Define and classify poison.
 - f) What is Idiosyncrasy and Allergy?
5. **Attempt any FOUR of the following:** 12
- a) Define hospital formulary. Write the guiding principles of hospital formulary.
 - b) What are the objectives and function of hospital Pharmacy?
 - c) Describe sign, symptoms and pathophysiology of Rheumatoid Arthritis OR Diabetes.
 - d) Describe the location and layout of central sterile service room.
 - e) What is ADR? Give its classification.
 - f) What are the functions of modern hospital?
6. **Attempt any FOUR of the following:** 16
- a) Write the role of pharmacist in patient counselling.
 - b) Discuss the important factors governing make or buy decision.
 - c) Define Bioavailability. Discuss the symptoms of Hepatitis and Hypertension.
 - d) Define clinical Pharmacy. Explain the role of clinical Pharmacist in a hospital.
 - e) Define outpatient. Explain the receipt and issue system of outpatient.
 - f) Write in detail about drug dependence.
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