

12425

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 following (Any two) :
 - i) Clinical Pharmacy
 - ii) Hospital Pharmacy
 - iii) Suppositories
- b) Give the normal values of (Any two) :
 - i) RBC
 - ii) ESR
 - iii) Cholestrol
- c) Translate the following terms in English (Any two) :
 - i) Charata
 - ii) Folium
 - iii) Horasomni
- d) What these abbreviation stands for (Any two) :
 - i) BAL
 - ii) LVP
 - iii) LAL
- e) What is first pass effect?
- f) Give the uses of (Any two) :
 - i) ECG
 - ii) CT Scanner
 - iii) X-Ray Machine
- g) Write a short note on Hospital Formulary System.
- h) Write the requirement of number of pharmacist in Hospital Pharmacy.
- i) Give one example of :
 - i) Corrosive Poison
 - ii) Irritant Poison
- j) State the objectives of clinical pharmacy.
- k) Give the meaning of following terms :
 - i) Hypoxia
 - ii) Necrosis
 - iii) Apnoea
- l) Explain (Any two) :
 - i) Ryle's Tube
 - ii) Rubber Catheter
 - iii) I.V. Set

2. Attempt any FOUR of the following:

12

- a) Classify Hospitals on the basis of clinical orientation with examples.
- b) What are the qualities required by pharmacist to run Drug Information Service?
- c) What is Purchase Requisition? To whom it is sent for procurement?

P.T.O.



- d) What advice must be given to the patient using :
- i) Boric acid
 - ii) Phenytoin
 - iii) Tetracyclin
- e) Define and classify ADR.
- f) Describe the signs and symptoms of 'TUBERCULOSIS'.

3. Attempt any FOUR of the following:

12

- a) Write any six functions of PTC.
- b) Describe the application of computers in purchasing and inventory control in a drug store.
- c) Write sources and collection of Drug Information at DIC.
- d) Discuss economic factors govern manufacture and purchase decision in production in hospital pharmacy.
- e) Describe the various tests prescribed by I.P. for purity of absorbent cotton.
- f) Define Hospital. Write any four functions of Hospital.

4. Attempt any FOUR of the following:

12

- a) What is universal antidote? Write its composition and uses of it.
- b) Define the following terms:
 - i) Manifestation
 - ii) Pathogenesis
 - iii) Etiology
- c) Describe the scope of clinical pharmacy.
- d) How pharmacist play an important role in improving patient compliance?
- e) Define Drug abuse. Write the general treatment of drug abuse.
- f) Write the functions of Hospital Pharmacist.

5. Attempt any FOUR of the following:

12

- a) Write a note on Teratogenicity.
- b) What is Drug Food interaction? Explain with examples.
- c) Differentiate between Drug Addiction and Drug Habituation.
- d) Describe Pathophysiology and Manifestations of 'Rheumatoid Arthritis'.
- e) Who is an administrator of Hospital? What are his responsibilities?
- f) What is :
 - i) Lithotripsy
 - ii) MRI
 - iii) Ultrasound Sonography

6. Attempt any FOUR of the following:

16

- a) What is UDDS? Give the benefits of UDDS.
- b) Explain what will happen when following drugs administered together.
 - i) Warfarin and Phenobarbitone
 - ii) Folic acid and Phenytoin
 - iii) Digitalis and Diuretics
- c) Define PTC. Write composition and structure of PTC.
- d) What is outpatient? Give its detail classification.
- e) Define Bioavailability. Enumerate the factors affecting Bioavailability.
- f) What are Surgical instruments? Name any three with its uses.