

23124

3 Hours / 80 Marks



20225

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.
  - (7) In case student has attempted sub-questions of question no. 3 more than once, only first attempt should be considered for assessment.

**Marks**

**1. Attempt any SIX of the following :**

**30**

- a) Define ward round participation. Write the goal procedure of Ward round participation by clinical pharmacist.
- b) Define Inventory control. Enlist their methods and describe in detail "Economic Order Quantity" Method.
- c) Explain distribution and storage of NDPS in hospital.
- d) Define Drug information centre and Poison information centre. Write the various sources of drug information with examples.
- e) Enlist Different Test of Liver Functioning and explain any two of them.
- f) Define medication errors. Write various strategies to minimise medication errors.
- g) Define National Accreditation Board for Hospital and write its benefits and Role of Pharmacist in it.

**2. Attempt any TEN of the following :**

**30**

- a) Define Hospital Pharmacy and write its scope.
- b) Define Drug related problem and classify it.
- c) Explain the Dispensing of Radiopharmaceuticals.
- d) Write about any 3 equipments used for maintaining cold storage condition.
- e) Define PTC and write the functions and scopes of the committee.
- f) Define Hospital formulary and write about contents of Hospital formulary.
- g) Enlist different software used in pharmacy and explain pharmacy management software.
- h) Write in brief about Drug Food Interaction with example.
- i) Define unit dose drug distribution with its advantages and disadvantages.
- j) Define Total Parenteral Nutrition with its contents.
- k) Write various storage conditions with temperature as per I.P.

**3. Attempt ALL of the following :**

**20**

- a) Define clinical pharmacy.
- b) Give the dose for BAL Antidotes.
- c) Define the term HMR.
- d) Give the composition of Universal Antidotes.

P.T.O.



- e) Give the meaning of following Latin term:
- Auristille
  - Ante jentaculum
- f) Define Radiopharmaceuticals.
- g) Define Anit-natal care.
- h) Blood Pressure can be measured by -----.
- i) Pharmacist required for 100 bed Hospital
- 02
  - 05
  - 05
  - 08
- j) AST has a wide distribution in
- Tissue
  - Cardiac
  - Renal
  - Blood
- k) Give the full form of ASHP.
- l) T<sub>3</sub> and T<sub>4</sub> mainly for
- Mental functioning
  - Physical functioning
  - Body Temperature
  - All the above.
- m) The patients who come to the hospital with general symptoms like fever, cough and cold are known as -----.
- n) Thyrocalcitonin is used to maintain.
- Phosphate level
  - Mg level
  - CAL level
  - None
- o) Give the ingredients in TPN.
- p) What are Reserved antibiotics.
- q) Define pharmacovigilance.
- r) Vitamins store in
- Room temp
  - Freezer
  - Cold temp
  - Cool temp
- s) Where is the WHO ADR monitoring centre situated?
- t) Which disposal method used for cytotoxic drugs.
- Incineration Method
  - Disposal to Sewers
  - Directly to land fill
  - All the above