

# HOSPITAL AND CLINICAL PHARMACY

Time : 3.00 Hours]

[Maximum Marks : 80

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## NOTES:

- i) Attempt all parts.
- ii) Students are advised to specially check the Numerical Data of question paper in both versions. If there is any difference in Hindi Translation of any question, the students should answer the question according to the English version.
- iii) Use of Pager and Mobile Phone by the students is not allowed.

## PART - A

Answer any six questions. Each question carries equal marks.

[6 × 5 = 30]

- Q1) Give the requirement of pharmacists along with responsibilities to work in hospital pharmacy.
- Q2) Write in brief the procedure for purchase of drugs.
- Q3) Discuss drug distribution to out-patients in detail.
- Q4) Write about compounding in hospitals.
- Q5) Write application of computers in Hospital pharmacy practice.
- Q6) Define Pharmaceutical care. Explain procedure to provide pharmaceutical care.
- Q7) Define Pharmacovigilance & write its aim & scope.

## PART - B

Answer any ten questions. Each question carries equal marks.

[10 × 3 = 30]

- Q1) Give objectives of hospital pharmacy.
- Q2) Define hospital formulary. Write the use of hospital formulary.
- Q3) Write in brief about FIFO & FEFO methods.
- Q4) Give a brief account on handling of narcotic & psychotropic substance.
- Q5) Describe the storage of radiopharmaceuticals.
- Q6) Define adverse drug reaction & write procedure of ADR monitoring.
- Q7) Define medication history & write its importance.
- Q8) Write in short about pulmonary function tests.
- Q9) Define poisoning & give its types.
- Q10) Give clinical significance of drug interactions.
- Q11) Write a note on devices used for cold storage.

## PART - C

Answer all questions. Each question carries equal marks.

[20 × 1 = 20]

### Multiple Choice Questions :

- Q1) Which of the following is not a part of Complete Blood Count?  
a) Haematocrit  
b) ~~MCV~~  
c) Prothrombin Time  
d) Platelet count
- Q2) Which of the following is the technique of inventory control?  
a) Gravimetric Analysis  
b) ~~VED Analysis~~  
c) Volumetric Analysis  
d) Diagnostic Analysis
- Q3) Which of the following test is associated with cardiac disorders?  
a) ~~ECG~~  
b) Spirometry  
c) HbA1C  
d) Bilirubin test
- Q4) In a drug store, the expiry dated drug formulations are known as :  
a) Surplus items  
b) Obsolete items  
c) ~~Scrap items~~  
d) None of the above
- Q5) Which of the following acts as secretary of pharmacy and Therapeutics committee?  
a) Physician  
b) ~~Hospital Administrator~~  
c) Pharmacist  
d) Representative of Nurse

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(P.T.O.)

- Q6) Which of the following is cytotoxic drug?
- |                 |                  |
|-----------------|------------------|
| a) Methotrexate | b) Morphine      |
| c) Ibuprofen    | d) Acetazolamide |
- Q7) Which of the following is an example of schedule H1 drugs?
- |                |                |
|----------------|----------------|
| a) Insulin     | b) Paracetamol |
| c) Amphetamine | d) Alprazolam  |

**Fill in the blanks with suitable word / words.**

- Q8) The normal level of hemoglobin is \_\_\_\_\_ g/dl in male and \_\_\_\_\_ g/dl in female.
- Q9) Reorder Quantity level is fixed between the \_\_\_\_\_ and \_\_\_\_\_ stock level.
- Q10) For a smooth running of a medical store, there should be neither \_\_\_\_\_ nor \_\_\_\_\_ inventories.
- Q11) The full form of ICCU is \_\_\_\_\_.
- Q12) When the nature of poison is not known, we must prefer \_\_\_\_\_.
- Q13) The patient who occupies bed in the hospital is \_\_\_\_\_.
- Q14) GPP stands for \_\_\_\_\_.

**One Word / One Sentence Questions.**

- Q15) Name one software used in hospital pharmacy.
- Q16) Define Clinical Pharmacy.
- Q17) Define Post-natal care.
- Q18) List the radiations emitted from radioactive nuclei.
- Q19) Name the tests associated with liver functions.
- Q20) Write the full form of TPN.