

**Fourth Year Pharm. D (SUPPLEMENTARY) : SUMMER - 2019**  
**SUBJECT: HOSPITAL PHARMACY**

Day: Tuesday  
Date: 02/07/2019

Time: 02.00 P.M. TO 05.00 PM  
Max. Marks: 70

**S-2019-4547**

**N.B:**

- 1) Q. No. 1 and Q. No. 5 are **COMPULSORY**; Out of remaining attempt any **TWO** Questions from each section.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to the both sections should be written in **SEPARATE** answer books.

**SECTION – I**

- Q.1 A)** Attempt any **FOUR** of the following: **(08)**
- i) Write down the salient features of ethical code for a hospital Pharmacist.
  - ii) Enlist the various functions of hospital.
  - iii) What is Automatic stop order?
  - iv) What is Standard Treatment Guidelines?
  - v) State the importance of News letter in hospital pharmacy communication.
  - vi) List out the criteria for including Drugs in hospital formulary.
- B)** How to determine work load statistics for hospital pharmacist? **(03)**
- Q.2** Write detailed note on the objectives, organizational patterns, functions and significance of Pharmacy and Therapeutics Committee (PTC). **(12)**
- Q.3 a)** Write in detail about infection control committee. **(07)**
- b)** Write a brief note on the format of a hospital formulary. **(05)**
- Q.4** Write short note on any **THREE** of the following **(12)**
- i) Role and responsibilities of Hospital Pharmacist.
  - ii) Budget preparation in hospital pharmacy.
  - iii) Research and ethics committee.
  - iv) Professional relationship and practices of hospital pharmacist.

**SECTION - II**

- Q.5** Attempt any **FOUR** of the following: **(08)**
- i) List out the advantages of VED analysis.
  - ii) What is satellite pharmacy?
  - iii) Write the formula for calculating EOQ.
  - iv) What are the indications of Total Parenteral Nutrition (TPN)?
  - v) Differentiate between Small Volume & Large Volume Parenterals.
  - vi) State the significance of Dry Heat Sterilization method.
- B)** Discuss the steps involved in planning of Continuing education Program **(03)**
- Q.6** Define drug distribution system. Explain in detail about various drug distribution methods with its advantages and disadvantages. **(12)**
- Q.7 a)** Discuss the manufacturing process of Tablet. **(07)**
- b)** Write a short note on Large Volume Parenterals. **(05)**
- Q.8** Write short note on any **THREE** of the following **(12)**
- i) ABC analysis in inventory control.
  - ii) Warehousing of drugs and pharmaceuticals In Hospital Pharmacy.
  - iii) Handling and packaging of radiopharmaceuticals.
  - iv) Role of pharmacist in distribution of narcotic and other controlled substances.

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