

**FOURTH YEAR PHARM. D (SUPPLEMENTARY) : SUMMER - 2018**  
**SUBJECT: HOSPITAL PHARMACY**

Day : **Tuesday** Time: **02.00 P.M. TO 05.00 PM**  
Date : **03/07/2018** S-2018-4068 Max. Marks: 70.

**N.B.:**

- 1) Q. No. 1 and Q. No. 5 are **COMPULSORY**.
- 2) Out of the remaining attempt any **TWO** questions from Section-I and any **TWO** Questions from Section-II.
- 3) Answers to the two sections should be written in **SEPARATE** answer books.
- 4) Figures to the **RIGHT** indicate full marks.

**SECTION-I**

- Q.1 a)** Attempt any **FOUR** of the following: **(08)**
- i) State the composition of infection committee.
  - ii) Explain the different types of discounts in pharmacy purchasing.
  - iii) State few responsibilities of Research and ethics committee.
  - iv) What you mean by Tertiary hospitals?
  - v) Write down the salient features of ethical code for a hospital pharmacist.
  - vi) What are the indications of Total Parental Nutrition?
- b)** What is budget and what major components make up the budget of hospital pharmacy? **(03)**
- Q.2** Discuss in detail about content and guiding principle of including drugs on a hospital Formulary. **(12)**
- Q.3 a)** Write about the review procedure of research proposals on human subject. **(07)**
- b)** Discuss the responsibilities of hospital pharmacist. **(05)**
- Q.4** Write short notes on **THREE** of the following: **(12)**
- a) Functions of a PTC in hospital.
  - b) Standard therapeutic guidelines.
  - c) Newsletter.
  - d) Work load statistics for hospital pharmacist.

**P.T.O.**

## SECTION-II

- Q.5 a)** Attempt any **FOUR** of the following: (08)
- i) What is LED analysis?
  - ii) List out applications of radiopharmaceuticals.
  - iii) Write the formula for calculating EOQ.
  - iv) List out types of Large volume Parenterals.
  - v) What is Central Sterile Services?
  - vi) Write about Dry Heat Sterilization method.
- b)** Write about the quality and quantity assurance of parenteral products. (03)
- Q.6** Define procurement and explain the role of purchase officer, pharmacist in drug procurement process. (12)
- Q.7 a)** Explain the steps involved in tablet manufacturing. (07)
- b)** Explain the guidelines associated with hospitals distribution systems. (05)
- Q.8** Write short notes on **THREE** of the following: (12)
- a) Various inventory control method.
  - b) Role of hospital Pharmacists in Radioisotope pharmacy.
  - c) Large volume parenterals.
  - d) Drug distribution of controlled substances.

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