

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI  
(END SEMESTER EXAMINATION)**

**CLASS: BPHARM  
BRANCH: PHARMACY**

**SEMESTER: VII  
SESSION: MO/2024**

**SUBJECT: BP703T PHARMACY PRACTICE**

**TIME: 3.00 Hours**

**FULL MARK: 75**

**INSTRUCTIONS:**

1. The missing data, if any, may be assumed suitably.
2. Before attempting the question paper, be sure that you have got the correct question paper.
3. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
4. This question paper consists of (03) three parts. Read the part wise instructions before attempting the questions.

**PART-I**

**Objective types questions (Instruction: Answer all questions)**

- Q1. (10 x 2 = 20 Marks)
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|--|-----|
| A. What are the major objectives of PTC? Detail out the structure of PTC   | CO1 |
| B. Choose the correct answer<br>(i) Public hospitals are owned by _____ a) Entrepreneur b) Public c) Government d) Private<br>(ii) The term "idiosyncrasy" originates from the Greek word _____ a) Idiosyncracia b) Idios c) Krasis d) Idiosynkrasia | CO3 |
| C. Enlist the sources of information in a DIC.   | CO1 |
| D. What is the importance of blood and urine pH for clinical diagnosis?  | CO2 |
| E. Define lethal and fatal doses   | CO1 |
| F. Differentiate between formulary and drug list.  | CO4 |
| G. Enlist different charging policies followed in hospital.  | CO1 |
| H. Outline the role of "automatic stop order" and the steps involved in processing of prescriptions?   | CO4 |
| I. Define purchase, inventory and procurement  | CO5 |
| J. Cite examples of primary, secondary and tertiary sources of drug information.   | CO3 |

**PART-II**

**Short Answers**

**(Instruction: Answer seven out of nine questions)**

(7 x 5 = 35 Marks)

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|--|---------|
| Q2. What is a budget? Describe the objective of the budget. Write a short note on budget preparation and approval for a hospital.  | CO2     |
| Q3. Define investigational use of drugs. Who is the approving authority for the investigational use of drugs? Describe the classification of investigational use of drugs. | CO2     |
| Q4. Discuss role of the pharmacist in Medication adherence. How to measure patient medication adherence?   | CO2+CO3 |
| Q5. Describe the classification of adverse drug reaction   | CO3     |
| Q6. Discuss the sources of drug information and process of disseminating them  | CO2+CO3 |
| Q7. What are the main contents of a hospital formulary?  | CO4     |
| Q8. Enlist the benefits of ADR reporting and discuss the spontaneous reporting system.   | CO2     |
| Q9. Define TDM and enlist its benefit. Explain the different indications mentioned under TDM   | CO2     |
| Q10. Describe the advantages and methods of management of drugs in a store   | CO1+CO2 |

**PART-III**

**Long Answers (Instruction: Answer two out of three questions)**

(2 x 10 = 20 marks)

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|---|-----|
| Q11. Elaborate on the organizational structure and function of a hospital.                          | CO4 |
| Q12. Summarize the role of PTC in drug safety, ADR monitoring and drug utilization review.          | CO5 |
| Q13. Explain drug distribution system for both In-patient and out-patient departments in a hospital | CO1 |

:::21/11/2024:::