

**SUPPLEMENTARY**  
**MASTER OF PHARMACY (M. PHARM.) (CBCS-2019 COURSE)**  
**M.Pharm. Sem-II PHARMACEUTICAL QUALITY ASSURANCE :SUMMER- 2022**  
**SUBJECT : HAZARDS & SAFETY MANAGEMENT**

Day : Wednesday

Time : 10:00 AM-01:00 PM

Date : 14-09-2022

**S-20767-2022**

Max. Marks : 75

**N.B.:**

- 1) **Q. No.1 and Q. No.5 are COMPULSORY.** Out of the remaining answers any TWO questions form section-I and II each.
- 2) Answer to both sections should be written in SEPARATE answer books.
- 3) Figure to the RIGHT indicate FULL marks.

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**SECTION-I**

- Q.1** Justify Deforestation creates problems to the environment. **(08)**
- Q.2** Write a detailed note on environment hazards. **(15)**
- Q.3** Discuss the sources of chemical hazards. Explain various control strategies to prevent chemical hazards. **(15)**
- Q.4** Write short notes on **ANY TWO** of the following: **(15)**
- a) Critical Hazard management system
  - b) Air filtration system for sterile area and non-sterile area
  - c) Toxic gases and oxygen displacing gases management

**SECTION-II**

- Q.5** Discuss in detail about Factory act and Rules. **(07)**
- Q.6** Explain in detail preventive and protective management from fire and explosion. **(15)**
- Q.7** Discuss in detail ICH guidelines on risk assessment and risk management methods and Tools. **(15)**
- Q.8** Write short notes on **ANY TWO** of the following: **(15)**
- a) Elements of Safety management program.
  - b) BOD and COD
  - c) Fire Prevention

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