



DBW-MQA-201-T

Seat No. _____

Master of Pharmacy (Sem. II) (External) Examination

July - 2022

Pharmaceutical Quality Assurance : MQA-201T

(Hazards & Safety Management)

Time : 3 Hours]

[Total Marks : 75

1 Answer the following questions : 10×2=20

- (a) Give the objectives of Factory Act
- (b) What do you mean by Flash point ?
- (c) What is heat hazard ? How to minimize it ?
- (d) Define : BOD and COD.
- (e) Mention the types of fire extinguishers.
- (f) What is MSDS and give the importance of it ?
- (g) Explain the structure of ecosystem.
- (h) Give details of the route of exposures to chemicals.
- (i) Enlist the government agencies for controlling the hazards.
- (j) Describe briefly about the objectives of fire protection program.

2 Answer the following questions : (any two) 10×2=20

- (a) Give details about elements of safety management and safety program according to Factory Act.
- (b) What are natural resources ? Mention the types of natural resources. Discuss about natural resources and its associated problems.
- (c) Discuss in detail for risk management and risk assessment methods and tools as per ICH guideline.

3 Answer the following questions : (any **seven**)

7×5=35

- (a) Explain the preventive and protective management from fires and explosion.
 - (b) Write a note about control measures for chemical hazards.
 - (c) Describe the role of emergency services as per Factory Act and rules.
 - (d) Explain in detail about preliminary hazard analysis.
 - (e) What are the sources of chemical hazards ? Discuss about hazards of organic synthesis, organic solvent and sulphonating hazards.
 - (f) Discuss on regulation of chemical hazards.
 - (g) Give a detailed note on Fire protection system.
 - (h) What are the scope and importance of environment studies ?
 - (i) Discuss about self protective measures against workplace hazards.
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