



P-MQA201-T

Seat No. _____

**M. Pharm. (Quality Assurance) (Sem. II) (CBCS)
Examination**

June/July – 2018

Hazards & Safety Management : MQA201-T

Time : 3 Hours]

[Total Marks : 75

1 Answer the following questions : **10×2=20**

- (a) Define : BOD & COD.
- (b) Write a brief description about objectives of Factory Act.
- (c) What is MSDS ?
- (d) Enlist types of sprinkler head.
- (e) Differentiate: Renewable and Non-renewable.
- (f) What are hazardous chemicals ?
- (g) Define : flash point.
- (h) What are the different components of ecosystem ?
- (i) Enumerate the government agencies for controlling the hazards.
- (j) Write a brief for precaution criteria of fire hazards.

2 Answer any two out of the following : **2×10=20**

- (a) Write in detail about ICH guidelines for risk assessment and risk management.
- (b) Explain about control measures for chemical hazards.
- (c) Write a note on Fire detectors.

3 Answer any seven out of the following :

7×5=35

- (a) Describe types of sprinkler system.
- (b) Write a short note on Relief system.
- (c) Write a detail explanation about accident prevention according to Factory Act and Rules.
- (d) How do manage the combustible gases, toxic gases and O₂ displacing gases ?
- (e) Discuss in detail about types of toxins.
- (f) Explain different routes of chemical exposure.
- (g) Write a note on self-protective measures against workplace hazards.
- (h) Explain flare types in fire protection system.
- (i) Classify the types of fire and discuss about Fire extinguishers.
