

PARUL UNIVERSITY
FACULTY OF PHARMACY
M. Pharm., Summer 2017-18 Examination

Semester: 2
Subject Code: MQA201T
Subject Name: Hazards and Safety Management

Date: 14/05/2018
Time: 10:00 am to 1:00 pm
Total Marks: 75

Instructions:

1. Figures to the right indicate maximum marks.
2. Make suitable assumptions wherever necessary.

Q.1 Essay Type Questions. (any 2 out of 3) (15 Marks Each) (30)

1. Discuss principles, methods & tools in quality risk management as per ICH guideline.
2. Discuss Environmental hazards based on air, water and radioisotopes.
3. Give different classes of fires. Discuss Fire protection system in detail.

Q.2 Short Essay Type Questions. (any 5 out of 6) (5 Marks Each) (25)

1. What is BOD and COD?
2. Give Self-protective measures against workplace hazards.
3. Describe multiphase reactions.
4. Write a brief note on Preliminary Hazard Analysis.
5. Discuss control measures for chemical hazards.
6. Discuss Effluent treatment procedures in detail.

Q.3 Short Answers. (2 Marks Each) (20)

1. What is fire extinguishers?
2. Explain renewable and non-renewable resources of energy.
3. Give functions of an ecosystem.
4. Give sources of air based hazards.
5. Which facilities required for Air Circulation maintenance in industry for sterile area?
6. What is Mechanical Explosion?
7. What is Organic solvent hazard?
8. Explain TLV concept.
9. Enlist Physicochemical parameters for measurement of effluents.
10. Compare Abiotic components and Biotic components.