

Roll No.

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|

Total No. of Pages : 01

Total No. of Questions : 06

**M.Pharmacy (Pharmaceutical Quality Assurance) (2017 & Onwards)
(Sem.-2)****HAZARDS AND SAFETY MANAGEMENT**

Subject Code : MQA201T

M.Code : 76350

Time : 3 Hrs.

Max. Marks: 75

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of SIX questions.
2. Each question carry FIFTEEN marks.

1. (A) Give an overview of the renewable resources of energy and the need to minimize the use of non-renewable energy resources.
(B) Write a note on the hazards related to bad air quality.
2. (A) What is PHA? Discuss the key features of PHA.
(B) Discuss the methods used in a pharmaceutical plant for fire prevention.
3. (A) What are TLV and STEL concepts? Explain their application for protection of workers to chemical exposure.
(B) Write a note on sulphonating hazards and their prevention.
4. (A) Classify electric hazards and methods to prevent them.
(B) Discuss mechanical hazards in a pharmaceutical plant and methods used for preventing them.
5. (A) Comment on ICH guidelines for risk management.
(B) Write a note on BOD and COD and their limits for maintaining acceptable effluent quality.
6. Write notes on :
(A) Fire proofing
(B) Accident prevention
(C) Sprinkling and relief valves for fire control

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

