

# Question Paper

Exam Date & Time: 02-May-2019 (02:00 PM - 05:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

Manipal Academy of Higher Education, Manipal MPharm Theory End-Semester Examinations.

MPharm - Pharmaceutical Quality Assurance

MPharm Semester -II End-Semester Examination May 2019

Date : 02/05/2019

### Hazards and Safety Management [PQA-MQA201T]

Marks: 75

Duration: 180 mins.

#### SECTION - A

Answer all the questions.

Answer the following (10 marks x 5 = 50 marks)

- 1) Describe the steps to be considered in establishing the hierarchy of hazard control with examples. (10)
- 2) Explain the threats to natural resources. (10)
- 3) Explain the applicable instrumental methods in analysis of trace contaminants in an effluent. (10)
- 4) List the applications of TLC Concept. (10)
- 5) Analyse the stages of preliminary hazard analysis. (10)

#### SECTION - B

Answer all the questions.

Answer the following (5 marks x 5 = 25 marks)

- 6) Mention the class of fire and justify the choice of extinguisher to be used in case of following fire accidents: (5)
  - i) LPG Gas explosion at pharma warehouse
  - ii) Fire at office.
- 7) Why are natural resources are so important to us? (5)
- 8) How some renewable energy resources are threat to living beings on the earth? (5)
- 9) Analyse the harmful effects of Chlorination reactions and sulphonating agents (5)
- 10) List the indications for the oxygen therapy. (5)

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