

Enrollment No: _____ Exam Seat No: _____

C.U.SHAH UNIVERSITY

Winter Examination-2018

Subject Name: Hazards and Safety Management

Subject Code: MQA201T

Branch: M. Pharm

Semester: 2

Date: 20/10/2018

Time: 02:30 To 05:30

Marks: 75

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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- Q-I Explain briefly the following terms:** [2X10]=20
- a) Environment [2]
 - b) Ecosystem [2]
 - c) Disinfection [2]
 - d) Deforestation [2]
 - e) Sprinkling [2]
 - f) Radioisotopes [2]
 - g) Fire extinguisher [2]
 - h) Chemical explosion [2]
 - i) Electricity passivation [2]
 - j) Multi phase reaction [2]
- Q-II Long Answer (Answer any two)** [2X10]=20
- a) Describe the associated problems in mineral resources. [10]
 - b) Explain preventive and protective management from fires and explosion. [10]
 - c) Discuss in detail Effluent treatment plant. [10]
- Q-III Short Answer (Answer any seven)** [7X5]=35
- a) Describe the hazardous effects of air pollutants. [5]
 - b) Write functions of ecosystem. [5]
 - c) Explain Air Handling unit (AHU) in pharmaceutical industry. [5]
 - d) Write difference between renewable and non-renewable resource. [5]
 - e) Describe the control measures for chemical hazards. [5]
 - f) Write a note on safety management in pharmaceutical industry. [5]
 - g) Explain management of combustible gas. [5]
 - h) Write a note on management of over exposure to chemicals. [5]
 - i) Describe risk management method. [5]

