

01/01/24

Seat Number

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DADU-02

**MQA-201-T : Hazards And Safety Management  
(161201)**

**Total Page : 1]**

**Time: 3 Hours**

**Max. Marks : 75**

**Instruction to candidates:**

- 1 Do not write anything on question paper except Seat number.
- 2 Graph or diagram should be drawn with black ink pen being used for writing paper or black HB pencil.
- 3 Students should note, no supplement will be provided.
- 4 Solve any Five of the following questions.
- 5 Figures to the right indicate full marks.

1. a) What are different types of hazards? Explain in detail for environmental hazards. 15  
b) Write a note on preliminary Health hazards. (PHA)
2. a) Describe elements of safety programme and safety management. 15  
b) Discuss in detail effluent treatment or management system.
3. a) Explain renewable and non-renewable resources. 15  
b) Write a note on mineral & Energy resources
4. a) Explain the concept of ecosystem & explain the structure & function of econ system. 15  
b) Write a Note on BOD& COD.
5. a) Write a note on types of fire extinguishers. 15  
b) Discuss in detail about air circulation maintenance in the sterile area.
6. a) Describe chemical hazards in detail. 15  
b) Write about management of overexposure to chemicals and concept of TLV.
7. a) Write a note on types of fire extinguishers. 15  
b) Discuss in detail about air circulation maintenance in the sterile area.
8. Explain ICH guideline for risk assessment and risk management methods. 15