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**BFO-005**

**BACHELOR OF ARTS (FACILITY AND  
SERVICES MANAGEMENT)**

**(BAFSM)**

**Term-End Examination**

**June, 2024**

**BFO-005 : FIRE SAFETY IN FACILITIES**

*Time : 3 Hours*

*Maximum Marks : 100*

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**Note :** (i) Answer any **five** questions in about  
**600 words each.**

(ii) All questions carry equal marks.

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1. What do you understand by fire and fire triangle ? Discuss the causes of electrical fire.  
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2. Define a fire detector. Describe the various types of fire detectors.  
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3. Outline the role played by fire personnel (fireman). Describe the various activities that fire personnel carry out once they arrive at the scene of fire.  
20

**P. T. O.**

4. Describe the essential features of a Fire Safe Building. Compare the Active and Passive fire protection measures. 20
5. What do you understand by adverse events ? Describe basic procedures that should be followed during the investigation of any adverse event. 20
6. What are the features of 'means of egresses' ? Enumerate the general requirements of means of egress and exits in buildings. 20
7. Explain important factors which influence how individuals respond to a fire. Discuss measures that can help individuals overcome panic and fear in the event of a fire. 20
8. Discuss the various ways to predict the environmental impact caused by fires. Describe any *two* methods for analyzing the environmental impacts of fire. 20
9. Explain the fire and life safety concerns at recreational/convention centres. Highlight fire prevention and protection measures that can be applied in such centres. 20

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10. Write short notes on the following in about  
150 words each : 4×5=20

- (a) Differentiate between flammable and combustible materials
- (b) Key elements in Fire Prevention
- (c) List any *five* Legislations/Regulations related to Fire Service in India
- (d) Challenges to fire fighters in Case of Fire

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