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**BFO–005**

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

**(BAFSM)**

**Term-End Examination**

**December, 2023**

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

*Time : 3 Hours*

*Maximum Marks : 100*

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**Note :** Answer any **five** of the following questions in about **600** words each. All questions carry equal marks.

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1. What do you understand by fire and fire safety ? Explain the concept of fire triangle and outline important precautions to prevent fire.

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2. What do you understand by fire hazardous commodities ? Discuss their various types and characteristics/properties.

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**P. T. O.**

3. Why and when should fire safety systems undergo retrofitting ? Explain the various issues and concerns during retrofitting. 20
4. Discuss various fire detection, fire-fighting equipments and facilities that should be available in a facility set-up. 20
5. Outline the objectives of 'Fire safe' building design. Discuss the various designing concepts used while constructing a fire safe building. 20
6. Discuss the investigating procedure to be followed for a fire-related event. 20
7. Give an account of fire safety regulations in India for a commercial building. 20
8. Why is fire safety a critical aspect in shopping malls ? Explain the common causes of fire in shopping malls and corresponding preventive measures that can be put in place. 20

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9. Explain the various categories of multi-residences and apartment building. Discuss major essential fire prevention and protection measures that can be implemented in such building. 20
10. Write short notes on the following in about **150** words each :  $4 \times 5 = 20$
- (a) Fire drills
  - (b) Grades of fire
  - (c) Fire extinguishers
  - (d) Reactive monitoring