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BFO-005

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

Term-End Examination

June, 2025

BFO-005 : FIRE SAFETY IN FACILITIES

Time : 3 Hours

Maximum Marks : 100

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

(ii) All questions carry equal marks.

1. Define Fire. Explain the characteristics of fire and the different grades of fire. 20
2. Identify the different types of fire risk assessments. Discuss the important methods in qualitative fire risk assessment.

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3. What are the different points to be considered while selecting a fire detector ?
How are inspections and tests for fire detectors carried out ? 20
4. What is the need for retrofitting during the renovation of a building ? Explain the process of hiring and managing contractors for renovating a building. 20
5. Discuss the benefits as well as the limitations of reviewing fire safety systems. 20
6. Outline the provisions for 'means of egress' as specified in National Building Code-Part 4. Explain the distinct features of 'means of egress'. 20
7. Discuss the physical, physiological and psychological effects of fire on people. Also elaborate the ways to mitigate these effects. 20

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8. Discuss how fire affects the environment. Suggest ways how the negative environmental impact arising from fire events can be minimized. 20
9. What are the *five* most important causes of hospital fire ? Discuss the proactive actions that should be taken in case of a fire in a hospital. 20
10. Write short notes on the following in about **150** words each : 4×5=20
- (a) Difference between Passive and Active fire protection method
 - (b) Challenges that fire fighters face
 - (c) Difference between flammable and combustible material
 - (d) Importance of fire safety in shopping malls

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