

**S.No. 1396**

**19 BCCAM 10**

(For candidates admitted from 2019–2021 Batch)

**B.B.A. DEGREE EXAMINATION, NOVEMBER 2023.**

**Part III — Aviation Management — Major**

**FIRE RESCUE SERVICE**

**Time : Three hours**

**Maximum : 75 marks**

**PART A — (10 × 2 = 20)**

**Answer ALL questions.**

1. What is fire as a solid?
2. Determine fire temperature point.
3. What is the full form of fire?
4. What is a fire watcher?
5. What are the uses of sprinklers?
6. State the fire detection and alarm system.
7. What is meant by fire load?

8. What are three stages of tire?
9. How do you conduct exercise?
10. What are the benefits of emergency procedures?

**PART B — (5 × 5 = 25)**

Answer ALL questions, Choosing either (a) or (b).

11. (a) Explain the toxicity of products of combustion.

Or

- (b) What is the impedance of fire point?

12. (a) What is the use of water CO<sub>2</sub> fire extinguisher?

Or

- (b) Mention the type of foam is used in tires.

13. (a) How do you build a tire fighting sprinkler system?

Or

- (b) Narrate the Search for an effective Halon Replacement.

14. (a) Explain the objectives of fire and safety department.

Or

- (b) Identify the Possible Fire Scenarios.

15. (a) What are the instructions for a fire action notice?

Or

- (b) How to make a case - study?

**PART C — (3 × 10 = 30)**

Answer any THREE questions.

16. Describe in detail the basic principles on fire extinguishing.
17. What are the five Different Classes of Fires?
18. Elaborate the Dry Chemical Powder (DCP) system.
19. Discuss about the structural Fire Protection in Building.
20. How do you measure the effectiveness and outcomes of your emergency planning simulation exercise?