

Roll No



**PRESIDENCY UNIVERSITY  
BENGALURU**

**SET A**

**SCHOOL OF MANAGEMENT  
END TERM EXAMINATION - JAN 2024**

**Semester :** Semester III -2022

**Course Code :** BAV3005

**Course Name :** Airport and Aircraft Emergencies and Safety Management

**Program :** BBA Aviation Management

**Date :** 09-JAN-2024

**Time :** 1:00 PM - 4:00 PM

**Max Marks :** 100

**Weightage :** 50%

**Instructions:**

- (i) Read all questions carefully and answer accordingly.
- (ii) Question paper consists of 3 parts.
- (iii) Scientific and non-programmable calculator are permitted.
- (iv) Do not write any information on the question paper other than Roll Number.

**PART A**

**ANSWER ALL THE QUESTIONS**

**5 X 2M = 10M**

1. State the framework of Safety Management System. (CO1) [Knowledge]
2. State the expansion of abbreviation - ARFF (CO2) [Knowledge]
3. Recall the expansion of abbreviation - "DGCA". (CO1) [Knowledge]
4. Name any 4 classes of DGR (CO2) [Knowledge]
5. Name any four ground handling incidents. (CO3) [Knowledge]

**PART B**

**ANSWER ALL THE QUESTIONS**

**5 X 10M = 50M**

6. Explain the process to be followed to mitigate the hijack crisis situation. (CO2) [Comprehension]
7. Explain Primary and complementary agents, describe their types and uses (CO2) [Comprehension]
8. Explain the minimum requirements for AIP funded SMS implementation plans (CO1) [Comprehension]

9. Explain the process of understanding and mitigating the threat of human error. (CO2) [Comprehension]
10. Discuss the types of emergencies in aviation. (CO2) [Comprehension]

### **PART C**

#### **ANSWER ALL THE QUESTIONS**

**2 X 20M = 40M**

11. Oceanic air 236 have opted for an emergency landing due to landing gear failure. The gear up landing will be very risky if the runway foaming is not done. being the head of emergency activation team, Determine the criteria which should be met before starting the runway foaming, also explain the uses of runway foaming. (CO2) [Application]
12. you are handling passengers in checkin counter 13 in BLR Airport, you receive a specific bomb threat call in which the caller gave an information of the bomb's location, type of mechanism/explosive, time of explosion and motive for the explosion. Being a customer services executive, Adapt the bomb threat procedures and determine the course of action to be implemented to mitigate the situation (CO2) [Application]