

Roll No



**PRESIDENCY UNIVERSITY
BENGALURU**

SET-B

**SCHOOL OF MANAGEMENT
END TERM EXAMINATION – MAY/JUNE 2024**

Semester: Semester II - 2023
Course Code: BAV3017
Course Name: -Airport Operations Advanced
Program: BBA, Aviation Management

Date: June 20, 2024
Time: 9:30 AM – 12:30 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 ANY 5 QUESTIONS

5 X 2 = 10M

1. Name the three operating constraints. (CO1) [Knowledge]
2. List any two functions of freight forwarders. (CO2) [Knowledge]
3. State the expansion of the abbreviation – “ORAT”. (CO1) [Knowledge]
4. Name the three types of cargo terminals. (CO2) [Knowledge]
5. Name the two types of whole body scanner. (CO3) [Knowledge]
6. List the four forces that act on the aircraft. (CO4) [Knowledge]
7. List the conventional crimes to which the airports are vulnerable. (CO4) [Knowledge]

PART - B

ANSWER ANY 5 QUESTIONS

5 X 10 = 50M

8. Summarize the requirements of aerodrome certification. (CO1) [Comprehension]

9. Explain the procedures followed to ensure access control within airport buildings. (CO2) [Comprehension]
10. Explain the basic movement of freight. (CO2) [Comprehension]
11. Explain the four forces that act on an aircraft. (CO3) [Comprehension]
12. Explain the elements of passenger screening point. (CO4) [Comprehension]
13. Explain airfield inspection, list the frequency of movement area inspections. (CO2) [Comprehension]
14. Summarize the critical safety elements in the airports which are maintained timely to ensure failure do not occur. (CO1) [Comprehension]

PART - C

ANSWER ANY 2 QUESTIONS

2 X 20 = 40M

15. Illustrate the below flight procedures:
1. Pre - Flight
 2. Pre-Departure
 3. Taxi - Out
 4. Take - Off
 5. Terminal Area Departure
 6. Climb
 7. Cruise
- (CO1) [Application]
16. Interpret the different operating constraints. list the ICAO's requirements to overcome the same. (CO1) [Application]
17. Illustrate the process of centralized and De-centralized screening system by explaining the advantages and disadvantages. (CO3) [Application]