

Roll No



**PRESIDENCY UNIVERSITY
BENGALURU**

**SCHOOL OF MANAGEMENT
MID TERM EXAMINATION - OCT 2023**

Semester : Semester V - 2021

Course Code : BAV3011

Course Name : Sem V - BAV3011 - Air Traffic Control

Program : BAV

Date : 31-OCT-2023

Time : 2:00PM - 3:30PM

Max Marks : 50

Weightage : 25%

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 2 = 10M)

1. Describe the purpose of ATC. (CO1) [Knowledge]
2. Recall the limitation of VHF Communication system. (CO1) [Knowledge]
3. Describe how the barometric altitude of the aircraft is measured. (CO1) [Knowledge]
4. List the general objectives of Air Traffic Management system. (CO2) [Knowledge]
5. State the objective of Air Traffic Flow and Capacity Management (ATFCM). (CO2) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS

(2 X 10 = 20M)

6. Summarize Surveillance Systems. (CO1) [Comprehension]
7. Explain Controlled and Uncontrolled Airspace Structure. (CO2) [Comprehension]

PART C

ANSWER THE FOLLOWING QUESTION

(1 X 20 = 20M)

8. Illustrate Air Traffic Management Systems (ATM), emphasising on its components, objectives and advantages.

(CO2) [Application]