

Roll No



**PRESIDENCY UNIVERSITY
BENGALURU**

**SCHOOL OF MANAGEMENT
END TERM EXAMINATION - JUN 2023**

Semester : Semester IV - 2021

Course Code : BAV3008

Course Name : Sem IV - BAV3008 - Aviation Maintenance Management

Program : BAV

Date : 14-JUN-2023

Time : 1.00PM - 4.00PM

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

(10 X 2 = 20M)

1. List any four manufacturer's documentation. (CO2) [Knowledge]
2. State 4 principles of MSG3. (CO3) [Knowledge]
3. Describe Delegated/Designated inspector. (CO5) [Knowledge]
4. State when a D check is required for an aircraft, also mention the checks/maintenance which are performed in D-Check. (CO1) [Knowledge]
5. Match the following.
 - a. PP&C
 - b. Intermediate Layover
 - c. Designated Inspector
 - d. Condition Monitored Maintenance
 - I. 3C Check
 - II. Experienced Engineer
 - III. MSG
 - IV. Forecasting the maintenance requirements(CO3) [Comprehension]
6. State the intervals between the letter checks (A,B,C,D). (CO4) [Comprehension]
7. Recall the expansion of abbreviation - "OC & HT". (CO1) [Comprehension]

8. State the expansion of abbreviation - "FAR".
(CO5) [Comprehension]
9. Describe operating cycle check.
(CO2) [Comprehension]
10. Describe reliability of the system.
(CO4) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS

(4 X 10 = 40M)

11. Describe letter checks and explain the importance of timely maintenance of aircraft.
(CO1) [Comprehension]
12. Discuss the different documents required to maintain an aircraft, give 3 examples for each classification of documents.
(CO2) [Comprehension]
13. Discuss the different responsibilities of maintenance control center.
(CO4) [Comprehension]
14. Explain why planning of maintenance activity plays an important role in aircraft maintenance (feedback for planning), also mention the required knowledge to adjust future plans.
(CO3) [Comprehension]

PART C

ANSWER ALL THE QUESTIONS

(2 X 20 = 40M)

15. Interpret the different areas/activities in airlines that needs auditing.
(CO3) [Comprehension]
16. Interpret the different operations which symmetrically happen with the maintenance activity on a transit/turnaround flight (Terminal and Ramp Operations).
(CO4) [Application]