



# PRESIDENCY UNIVERSITY

BENGALURU

Roll No.																				
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## End - Term Examinations - December 2025

Date: 13 - 12- 2025

Time: 09:30am - 12:30pm

<b>School:</b> SOC / SOM (UG)	<b>Program:</b> BBA Aviation Management		
<b>Course Code :</b> BAV3008	<b>Course Name:</b> Aviation Maintenance Management		
<b>Semester:</b> III	<b>Max Marks:</b> 100	<b>Weightage:</b> 50%	

CO - Levels	CO1	CO2	CO3	CO4	CO5
Marks	20	20	20	20	20

### Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Do not write anything on the question paper other than roll number.

### Part A

Answer ALL the Questions. Each question carries 2marks.

10Q x 2M=20M

1.	Describe the importance of manufacturer's documents.	2 Marks	L1	CO1
2.	Tell the number of man hours required to complete a "B-Check".	2 Marks	L1	CO1
3.	State the expansion of Abbreviation - "MMEL".	2 Marks	L1	CO2
4.	Name the document which is used to locate a component under manufacturer's documents.	2 Marks	L1	CO2
5.	List the three main functions of PP&C.	2 Marks	L1	CO3
6.	Describe "Parts Robbing".	2 Marks	L1	CO3
7.	Describe Bird-Strike.	2 Marks	L1	CO4
8.	State the expansion of abbreviation - "MCC".	2 Marks	L1	CO4
9.	Describe "Airworthiness Directives".	2 Marks	L1	CO5
10.	List the four classification of technical records.	2 Marks	L1	CO5

### Part B

Answer ALL the Questions. Each question carries 7 marks.

5Q x 7M = 35M

11.	Interpret the five major functions of M&E.	07 Marks	L2	CO1
Or				

12.	Explain the key principles of MSG-3.	07 Marks	L2	CO1
13.	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.	07 Marks	L2	CO2
Or				
14.	Summarize any 10 documents under Manufacturer's Documentation.	07 Marks	L2	CO2
15.	Every flight should be checked/maintained after each leg, the maintenance activity may be simple or complex depending upon the PIC's feedback. The regulatory authorities have given a list of maintenance activities which are to be performed on an aircraft in case of turnaround. Interpret the list of typical transit check which is done on a "Twin engine aircraft".	07 Marks	L2	CO3
Or				
16.	Explain the three main Functions of PP&C department.	07 Marks	L2	CO3
17.	Discuss the different responsibilities of maintenance control center.	07 Marks	L2	CO4
Or				
18.	Describe the procedures carried out during a preflight inspection on the flight line and explain their purpose in ensuring aircraft safety.	07 Marks	L2	CO4
19.	Explain the elements of Continuous records in Quality Audits.	07 Marks	L2	CO5
Or				
20.	Discuss about the procedures involved in Countermanding the Inspector's Decisions in Quality Audits.	07 Marks	L2	CO5

### Part C

Answer any three Questions. Each question carries 15marks

3Q x 15M=45M

21.	Demonstrate your understanding by explaining how each MSG approach (MSG-1, MSG-2, MSG-3) is applied in practical aircraft maintenance planning.	15 Marks	L3	CO1
22.	Apply your understanding of terminal and ramp operations to demonstrate how maintenance activities are carried out during a transit or turnaround flight.	15 Marks	L3	CO2
23.	Imagine you are part of a PP&C team preparing a seasonal flight program. Show how the Manager PP&C, Long Range Planner PP&C, and Maintenance Planner PP&C would interact and execute their duties to ensure both operational efficiency and maintenance compliance.	15 Marks	L3	CO3
24.	During an aircraft technical delay, demonstrate how the MCC coordinates with the flight crew, engineering, and ground operations to resolve the issue efficiently.	15 Marks	L3	CO4
25.	Suppose multiple maintenance units are experiencing inconsistent compliance with procedures. Demonstrate how an as-needed audit of processes or functions could be carried out to address these inconsistencies and enhance coordination across the units.	15 Marks	L3	CO5