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**PRESIDENCY UNIVERSITY
BENGALURU**

SCHOOL OF MANAGEMENT

MAKE UP EXAMINATION – JAN 2023

Course Code: AVM108

Course Name: AVIATION MAINTENANCE MANAGEMENT

Program : BBA AVIATION MANAGEMENT

Date: 23-JAN-2023

Time: 09:30 am to 12:30pm

Max Marks: 100

Weightage: 50%

Instructions:

(i) *Read the question carefully and answer all the questions*

Part A [Memory Recall Questions]

Answer all the Questions. Each question carries THREE marks.

(10Qx3M=30M)

1. Describe the concept of PPC and its department functioning on the aspect of a single & team forum. (C.O.NO 2) [Knowledge]
2. Recognize the designation – VP and their role in the M&E Organization. (C.O.NO 2) [Knowledge]
3. Describe the concept of M&E in the field of maintenance. (C.O.NO 1) [Knowledge]
4. Describe FAR issued by the Federal Aviation Authority. (C.O.NO 3) [Knowledge]
5. Name the 03 categories of PPC in brief as per the chronology in sequence. (C.O.NO 3) [Knowledge]
6. Recognize the theory of TPPM & its relevance in accordance to M&E. (C.O.NO 4) [Knowledge]
7. Describe in detail regarding the TCAS technology & its system functions. (C.O.NO 5) [Knowledge]
8. Describe FIM on MCC in accordance with M&E Organization. (C.O.NO 2) [Knowledge]
9. Recognize the term PIC and their functions in flight. (C.O.NO 2) [Knowledge]
10. Name the department responsible for fleet planning including their flight planning during technical conditions. (C.O.NO 03) [Knowledge]

Part B [Thought Provoking Questions]

Answer all 5 Questions. Each Question carries EIGHT marks.

(5Qx8M=40)

11. Discuss the different responsibilities of MCC in respect to maintenance & operations for the overall performance of the flight (C.O.NO 03) [Comprehension]
12. Give examples of the recommended preflight sequence in respect to the checklist for safe operations of the flight. (C.O.NO 04) [Comprehension]
13. Describe in detail on the first category of PPC on its managerial aspects as all activities are accomplished as per the assigned maintenance. (C.O.NO 04) [Comprehension]
14. Give examples on long range planner for planning production and control where the aircraft requires main base visit checks due to anticipated or any special check requirements. (C.O.NO 03) [Comprehension]
15. Discuss the concept of inherent reliability. (C.O.NO 01) [Comprehension]

Part C [Problem Solving Questions]

Answer all the Questions. Each Question carries fifteen marks.

(2Qx15M=30)

16. Relate your view about Trans International 863 in credits to maintenance & understand the error to fix such technical snags in the future. (C.O.NO 2) [Application]
17. Relate your view about Pan Am 799 in credits to maintenance & understand the error to fix such technical snags in the future. (C.O.NO 2) [Application]