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**Presidency University**

**Bengaluru**

 **SCHOOL OF COMMERCE**

**Summer Term End Term Examinations, August 2024**

**Winter Semester**: 2023 - 24

**Course Code**: BAV3008

**Course Name**: Aviation maintenance management

**Program** : BBA Aviation

**Date**: 06-08-2024

**Time**: 9.30am to 12.30pm

**Max Marks**: 100

**Weightage**: 50%

 **Instructions:**

1. *Read the all questions carefully and answer accordingly.*
2. *Question paper consists of three parts.*
3. *Scientific and Non Programable Calculators are Permitted.*
4. *Do not write any information on the question paper other than roll number.*

**Part A**

**Answer any FIVE Questions. (5 Q x 2 M = 10 M)**

1. Indicate the information which is provided by maintaining aircraft maintenance documents. (C.O.No.3) [Knowledge]

2. State 4 principles of MSG3. (C.O.No.3) [Knowledge]

3. Describe reliability of the system. (C.O.No.4) [Knowledge]

4. State any four checks done on a twin engine aircraft in a typical 48 hour check (C.O.No.4) [Knowledge]

5. Describe Delegated/Designated inspector. (C.O.No.5) [Knowledge]

6. Recall the different checks which come under standard intervals. (C.O.No.2) [Knowledge]

7. Recall the expansion of abbreviation - "OC & HT". (C.O.No.1) [Knowledge]

**Part B**

**Answer any FIVE Questions. (5 Q x 10 M = 50 M)**

8. Describe letter checks and explain the importance of timely maintenance of aircraft. (C.O.No.1) [Comprehension]

9. Describe M&E Organization and interpret the three concepts of M&E organization. (C.O.No.1) [Comprehension]

10. Explain the importance of documentation in aircraft maintenance and discuss the different types of documents required in aircraft maintenance. (C.O.No.2) [Comprehension]

11. Explain the standard intervals in aircraft maintenanc (C.O.No.1) [Comprehension]

12. 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. (C.O.No.3) [Comprehension]

13. -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".

(C.O.No.4)[Comprehension]

14. Discuss the different responsibilities of maintenance control center.

 (C.O.No.4) [Comprehension]

**Part C**

**Answer any TWO Questions. (2 Q x 20 M = 40 M)**

15. Interpret the different areas/activities in airlines that needs auditing. (C.O.No.3) [Application]

16. Though the list of documents used for aircraft maintenance may weigh more than the aircraft itself, we still maintain more documents which are called as technical records. Show the importance of technical records and explain the four classification of records.

(C.O.No.4) [Application]

17. Maintenance steering group's objective was to determine the appropriate time for maintaining an aircraft. Classify the 3 MSG and explain the importance of the same.

(C.O.No.4) [Application]