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**Presidency University**

**Bengaluru**

 **SCHOOL OF MANAGEMENT**

**MAKE-UP EXAMINATION – SEP 2023**

**Date**: 04.10.2023

**Time**: 9.30AM to 12.30 PM

**Max Marks**: 100

**Weightage:** 50%

**Course Code**: AVM 108

**Course Name:** AVIATION MAINTENANCE MANAGEMENT

**Program & Sem**: BBA AVIATION MANAGEMENT & IV Sem

 **Instructions:**

1. ***Read the question carefully and answer all the questions***

**Part A [Memory Recall Questions]**

**Answer all the Questions. Each Question carries THREE marks (10Qx3M=30)**

1. Describe the term MCC in M&E Organization. (C.O.NO 4) [Knowledge]
2. Describe troubleshooting in accordance to flight maintenance for the safety flying under airworthiness directives. (C.O.NO 4) [Knowledge]
3. Recall three tasks of overnight maintenance under anticipated checks.
 (C.O.NO 5) [Knowledge]
4. Describe MEL in accordance with M&E Organization & the flight equipment’s.
 (C.O.NO 2) [Knowledge]
5. Recognize the term ACARS to their functions in flight. (C.O.NO 2) [Knowledge]
6. Recognize AD in respect to maintenance under the DGCA wing with its functions.

 (C.O.NO3)[Knowledge]

1. Describe the categories of hangar maintenance. (C.O.NO 1) [Knowledge]
2. Recall three tasks of transit maintenance (C.O.NO 1) [Knowledge]
3. Describe MMEL in accordance with M&E Organization & the flight equipment’s.

 (C.O.NO 2) [Knowledge]

1. Recognize CDL along with its configuration. (C.O.NO 2) [Knowledge]

**Part B [Thought Provoking Questions]**

**Answer all the Questions. Each Question carries EIGHT marks. (5Qx8M=40)**

1. Describe functional failure in detail on M&E aspects as all activities are accomplished as per the assigned maintenance. (C.O.NO 04) [Comprehension]
2. Describe TPPM in detail along with its technical policies and procedures manual.

 (C.O.NO 03) [Comprehension]

1. Discuss the different responsibilities of MCC in respect to maintenance & operations for the overall performance of the flight (C.O.NO 05) [Comprehension]
2. Discuss the concept of inherent reliability. (C.O.NO 01) [Comprehension]
3. Identify the importance of mechanics, technicians, maintainers & engineers.

 (C.O.NO 02) [Comprehension]

**Part C [Problem Solving Questions]**

**Answer both the Questions. Each Question carries FIFTEEN marks. (2Qx15M=30)**

1. Relate MCC with other line maintenance activities of its typical 48-hour check & write any 10 checks of its functions on twin engine jet to meet the airworthiness directives quality standard by uncompromising its aeronautical features. (C.O.NO 03) [Application]
2. Write in detail on the processes & procedures related to line, hangar, material, engineering & training maintenance and inspection personnel. (C.O.NO 05) [Application]