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 **PRESIDENCY UNIVERSITY**

  **Bengaluru**

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| **End - Term Examinations – JANUARY 2025** |
| Date: 07 – 01- 2025 Time: 01:00 pm – 04:00 pm |

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| **School:** School of Management (UG) | **Program:** BBA Aviation Management |
| **Course Code :** BAV3008 | **Course Name :** Aviation Maintenance Management |
| **Semester**: III | **Max Marks**: 100 | **Weightage**: 50% |

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| **CO - Levels** | **CO1** | **CO2** | **CO3** | **CO4** | **CO5** |
| **Marks** | **11** | **11** | **26** | **26** | **26** |

**Instructions:**

1. *Read all questions carefully and answer accordingly.*
2. *Do not write anything on the question paper other than roll number.*

**Part A**

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| **Answer ALL the Questions. Each question carries 2 marks. (10Q x 2M = 20M)** | **Bloom's Level**  | **CO** |

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| **1** | Interpret the term – Scheduled Maintenance. | **2 Marks** | **Remember** | **CO1** |
| **2** | Recall the abbreviation of AD in Aviation Maintenance. | **2 Marks** | **Remember** | **CO1** |
| **3** | Explain the term FIM. | **2 Marks** | **Remember** | **CO2** |
| **4** | Recall the abbreviation of NPRM. | **2 Marks** | **Remember** | **CO2** |
| **5** | Demonstrate D-check in Aviation Maintenance. | **2 Marks** | **Remember** | **CO3** |
| **6** | Justify the importance of Regular Maintenance. | **2 Marks** | **Remember** | **CO3** |
| **7** | What do you understand by the term MCC. | **2 Marks** | **Remember** | **CO4** |
| **8** | Summarize the importance of Technical Record. | **2 Marks** | **Remember** | **CO4** |
| **9** | Discuss the importance of Load and Trim. | **2 Marks** | **Remember** | **CO5** |
| **10** | Explain the term MTOW. | **2 Marks** | **Remember** | **CO5** |

**Part B**

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| **Answer ALL the Questions. Each question carries 7 marks. (5Q x 7M = 35M)** | **Bloom's Level**  | **CO** |
| **11** | Outline the required Manufacturer’s Documentation. | **7 Marks** | **Understand** | **CO2** |
|  | **Or** |
| **12** | Explain Airworthiness Directives (AD).  | **7 Marks** | **Understand** | **CO2** |

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| **13** | Summarize the responsibilities of a PP&C Manager. | **7 Marks** | **Understand** | **CO3** |
|  | **Or** |
| **14** | Explain the different types of Regular Maintenance.  | **7 Marks** | **Understand** | **CO3** |

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| **15** | Elaborate the functions of Control Maintenance.  | **7 Marks** | **Understand** | **CO4** |
|  | **Or** |
| **16** | Summarize the details about pre-flight inspection. | **7 Marks** | **Understand** | **CO4** |

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| **17** | Explain the routine checks in Aviation Industry. | **7 Marks** | **Understand** | **CO5** |
|  | **Or** |
| **18** |  Explain the role of Quality Assurance (QA) in maintaining safety and reliability.  | **7 Marks** | **Understand** | **CO5** |

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| **19** | Explain the main elements of Load and Trim. | **7 Marks** | **Understand** | **CO1** |
|  | **Or** |
| **20** | Analyze the importance of weight distribution in Load and Trim.   | **7 Marks** | **Understand** | **CO1** |

**Part C**

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| **Answer Any THREE Questions. Each question carries 15 marks. (3Q x 15M = 45M)** | **Bloom's Level**  | **CO** |

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| **21** | Categorize the different types of regular maintenance.  | **15 Marks** | **Apply** | **CO3** |
| **22** | Demonstrate about Post-Bird Strike Inspection and Special Checks. | **15 Marks** | **Apply** | **CO3** |
| **23** | Identify the Maintenance Crew Skill requirements in Aviation maintenance. | **15 Marks** | **Apply** | **CO4** |
| **24** | Classify the difference between FAA and JAA. | **15 Marks** | **Apply** | **CO5** |