

- Q.26 Explain working of a landing gear?
- Q.27 How the engine preservation is done?
- Q.28 What is the procedure for short term storage of engine and accessories?
- Q.29 What are the major components of a hydraulic control system?
- Q.30 What are the basic elements of AC system?
- Q.31 How ROC and ROC meter maintained?
- Q.32 Explain the use quality circles?
- Q.33 What are the various types of maintenance schedules?
- Q.34 What are the engine installation checks?
- Q.35 Explain the importance of 6 sigma?

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Discuss the procedures for engine maintenance.
- Q.37 Explain the importance of aircraft manuals, log books and advisory circulars
- Q.38 Explain the types of airframes and different structural components and day to day maintenance steps.

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6th Sem / Branch : AME

Subject:- Aircraft Maintenance Practices

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 The maintenance carried out while an airplane is parked at an airport waiting for the next takeoff is generally referred to as_____.
- Line Maintenance
 - Major maintenance
 - General Maintenance
 - Base
- Q.2 The continuous inspection program for commercial aircraft in India. is approved by which of the following authorities.
- DGCA
 - EASA
 - FAA
 - DCGA
- Q.3 How many man hours does a D-check require ?
- 40
 - 400
 - 4000
 - 40000
- Q.4 How much time is required for the maintenance ?
- 45 minutes
 - 45 hours
 - 450 minutes
 - 450 hours

- Q.5 What is the full form of SRM ?
- Structure Repair Manual
 - Structure Repairing Manual
 - Structural Repair Manual
 - Structural Repairing Manual
- Q.6 Preflight inspection is conducted by _____.
- Copilot
 - Pilot
 - Purser
 - Ground staff
- Q.7 Which of the following may cause structural damage to the aircraft?
- Level 1
 - Level 2
 - Level 4
 - Level 3
- Q.8 Which of the following communications is not included in FANS ?
- Air traffic control clearances
 - Ground staff communications
 - Pilot requests
 - Position reporting
- Q.9 Altimeter is based on which instrument ?
- Pitot Tube
 - Pitot Tube and Gyroscope
 - Gyroscope
 - None of the above
- Q.10 Which of the following is a suitable place to perform infrared heating de-icing ?
- Apron
 - Aircraft bay
 - Hangar
 - MRO facility

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SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Name any two maintenance schedules?
- Q.12 What do you mean by history record sheet?
- Q.13 What are different types of resistors used?
- Q.14 What is the method for crack detection?
- Q.15 What is the use of Antiskid system?
- Q.16 What are the parts of a semi monocoque structure?
- Q.17 What does ISO 9000 signify?
- Q.18 How rain is protected?
- Q.19 What is DGCA?
- Q.20 Where the bulkheads are used?

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 21. What are pitot based instruments measure?
- Q.22 Explain service bulletin?
- Q.23 What are different soldering techniques?
- Q.24 Where the bleed air is used?
- Q.25 Describe the procedure for starting piston engines?

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