

- Q.25 What are the different types of maintenance inspections?
- Q.26 What are the limitations of fixed resistors?
- Q.27 Write a short note on storage on engine accessories.
- Q.28 What do you mean by engine preservation and de-preservation?
- Q.29 How powered controls are maintained?
- Q.30 What are quality circles?
- Q.31 What are the types of maintenance schedules?
- Q.32 What are the engine installation checks?
- Q.33 What do you check after shock landing?
- Q.34 What are the components of oxygen system?
- Q.35 Describe services bulleting?

#### **SECTION-D**

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

- Q.36 Explain the various cables used in the aircrafts and the installation there of. What do you mean by trouble shooting?
- Q.37 Explain the various types of landing gears?
- Q.38 Explain different structural components of the airplane with their function.

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**6th Sem / Branch : AME**  
**Sub. : Aircraft Maintenance Practices**

Time : 3Hrs.

M.M. : 100

#### **SECTION-A**

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

- Q.1 Which of the following is the most extensive maintenance check to be performed on an aircraft?  
a) A-Check                    b) D-Check  
c) B-Check                    d) C-Check
- Q.2 The continuous inspection program for commercial aircraft in India, is approved by which of the following autorities?  
a) DGCA                    b) EASA  
c) FAA                      d) DCGA
- Q.3 Where do the heavier checks (C-Check and D-Check) take place?  
a) Maintenance, repair and overhaul (MRO) company sites  
b) Airport bay  
c) Manufacturing sites  
d) Hangar
- Q.4 How many man hours does a D-check require?

- a) 40                    b) 400  
c) 4000                d) 40000
- Q.5 A maintenance release can also be called as \_\_\_\_\_  
a) Certificate of release to service (CRS)  
b) Maintenance release certificate  
c) Release certificate  
d) Certification of release to service
- Q.6 What is the full form of ICAO?  
a) International Commercial Aviation Organization  
b) International Civil Aviation Organization  
c) Indian Civil Aviation Organization  
d) Indian Commercial Aviation
- Q.7 The continuous inspection program for commercial aircrafts in India, is approved by which of the following authorities?  
a) DGCA                b) EASA  
c) FAA                  d) DCGA
- Q.8 The maintenance carried out while an airplane is parked at an airport waiting for the next takeoff is generally referred to as \_\_\_\_\_  
a) Line maintenance    b) Major Maintenance  
c) General Maintenance d) Base Maintenance
- Q.9 Which of the following may cause structural damage to the aircraft?  
a) Level 1              b) Level 2  
c) Level 4              d) Level 3

- Q.10 Which of the following relieve pilot of load?  
a) Trim Tabs            b) Elevator  
c) Rudder              d) Flaps

## SECTION-B

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

- Q.11 How do you identify cables?  
Q.12 What do you mean by soldering?  
Q.13 What is the purpose of check list?  
Q.14 What are aircraft logs?  
Q.15 Name two AC instruments?  
Q.16 What is towing of an aircraft?  
Q.17 How the fire is detected?  
Q.18 What is zero defect?  
Q.19 What do you mean by TQM?  
Q.20 Where antiskid is installed?

## SECTION-C

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

- Q.21 What do you mean by control rigging?  
Q.22 What are the various manuals used in aircraft maintenance?  
Q.23 What is the difference between a resistor and varistor?  
Q.24 Describe the maintenance procedure of an air-conditioning system of an aircraft.