

- Q.24 How landing gear is inspected after landing.
 Q.25 What are the different types of maintenance inspections?
 Q.26 Draw honeycomb structure of a part?
 Q.27 How the engine accessories are stored?
 Q.28 What are the steps in engine de-preservation?
 Q.29 How powered controls are maintained?
 Q.30 What are quality circles?
 Q.31 How turn and ban indicator kept in proper use?
 Q.32 What is zero defect analogy?
 Q.33 What is AS 9100?
 Q.34 What are the components of oxygen system?
 Q.35 Name few aerodrome regulation.

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Explain the various control surfaces and different methods to operate them?
 Q.37 Explain the various types of instruments identification of cables.
 Q.38 Explain different engine servicing procedures.

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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 What is the full form of LRU?
 a) Line Replaced Unit b) Line Reposition Unit
 c) Line Rested Unit d) Line Replaceable Unit
- 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 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 of service

- Q.5** 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.6** Which of the following is the official language of aviation?
a) English b) French
c) Spanish d) Greek
- 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 is the use of trim tab?
a) Relieve pilot of stick force
b) Minor correction
c) Precession control
d) None of the above

- Q.10** Which of the following is a low cost pavement de-icing mixture?
a) Carbon Mixture b) Aluminum mixtures
c) Urea Mixture d) Quartz Mixture

SECTION-B

Note: Objective type questions. All questions are compulsory. $(10 \times 1 = 10)$

- Q.11** What is a service letter?
Q.12 What material is used for soldering?
Q.13 What are two engine installation checks?
Q.14 What can be performed while engine is on?
Q.15 Name two AC instruments?
Q.16 Name any power operated control.
Q.17 Where is the nose wheel steering control on airplanes?
Q.18 What material inflates types?
Q.19 What is ISO 9000 for?
Q.20 Where antiskid is installed?

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$

- Q.21** What do you mean by control rigging?
Q.22 What is the use of history record sheet?
Q.23 What are the different resistors and varistors?