

- 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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#### 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 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?
- International Commercial Aviation Organization
  - International Civil Aviation Organization
  - Indian Civil Aviation Organization
  - Indian Commercial Aviation
- Q.6 Which of the following is the official language of aviation?
- English
  - French
  - Spanish
  - Greek
- Q.7 The continuous inspection program for commercial aircrafts in India, is approved by which of the following authorities?
- DGCA
  - EASA
  - FAA
  - 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 \_\_\_\_\_
- Line maintenance
  - Major maintenance
  - General Maintenance
  - Base Maintenance
- Q.9 Which is the use of trim tab?
- Relieve pilot of stick force
  - Minor correction
  - Precession control
  - None of the above

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

### SECTION-B

**Note:** Objective type questions. All questions are compulsory. (10x1=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. (12x5=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?

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