

- Q.22 What are various types if inspections?
 Q.23 Explain soldering techniques?
 Q.24 Explain the purpose of bleeding?
 Q.25 Describe the procedure for starting piston engines?
 Q.26 Explain working of a shock strut?
 Q.27 What is depresurization?
 Q.28 What is the procedure for short term storage of engine and accessories?
 Q.29 How pressurizing of cabin is done?
 Q.30 What are the basic elements of AC system?
 Q.31 Explain the role of bulkheads?
 Q.32 What are quality circles?
 Q.33 What are the types of maintenance schedules?
 Q.34 What are the engine installation checks?
 Q.35 What are various structural components?

Section-D

- Note:** Long answer questions. Attempt any Two question out of three Questions. (2x10=20)
 Q.36 Discuss the various aspects of engine maintenance.
 Q.37 Explain the importance of aircraft manuals, service letters and service manuals.
 Q.38 Explain the types of airframes and different structural components and their use.

No. of Printed Pages : 4

Roll No.....

187761

6th Sem / AME Sub : Aircraft Maintenance Practices

Time : 3 Hrs.

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 take off is generally referred to as _____.
 a) Line maintenance
 b) Major maintenance
 c) General Maintenance
 d) Base
 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 How much time is required for line maintenance?
 a) 45 minutes b) 45 hours
 c) 450 minutes d) 450 hours
 Q.4 What is the full form of SRM?

- a) Structure Repair Manual
 b) Structure Repairing Manual
 c) Structural Repair Manual
 d) Structural Repairing Manual
- Q.5** Preflight inspection is conducted by _____.
 a) Copilot b) Pilot
 c) Purser d) Ground staff
- Q.6** Which of the following in the official language of aviation?
 a) English b) French
 c) Spanish d) Greek
- Q.7** Which of the following communications is not included in FANS?
 a) Air traffic control clearances
 b) Ground staff communications
 c) Pilot requests
 d) Position reporting
- Q.8** Altimeter is base on which instrument?
 a) Pitot Tube
 b) Pitot Tube and Gyroscope
 c) Gyroscope
 d) None of the above
- Q.9** Which of the following is a suitable place to perform infrared heating de-icing?
 a) Apron b) Aircraft bay
 c) Hangar d) MRO facility
- Q.10** which of the following is a low cost pavement de-icing mixture?
 a) Carbon Mixture
 b) Aluminum mixture
 c) Urea mixture
 d) Quartz Mixture

Section-B

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

- Q.11 What is an advisory circular?
 Q.12 What do you mean by history record sheet?
 Q.13 What is tolerance?
 Q.14 what is the method for crack detection?
 Q.15 What is the importance of Antiskid system?
 Q.16 What is pure monocoque structure?
 Q.17 What is ISO 9000?
 Q.18 what is mooring?
 Q.19 What is DGCA?
 Q.20 Name one aviation safety regulation.

Section-C

Note: Short answer type Question. Attempt any Twelve questions out of Fifteen Questions. (12x5=60)

- Q.21 What are various pitot based instruments and their use?