

- Q.26 What are advisory circulars?
- Q.27 What is the requirement procedure for issuance of special flight permits?
- Q.28 How is certification for aging aircraft made?
- Q.29 What is the requirement for issuance of special flight permits?
- Q.30 How is duplicate inspection of control done?
- Q.31 Write a short note on Micro Lite Aircraft.
- Q.32 What is the procedure of making entries in log books?
- Q.33 What is the requirement for checks in an Aircraft?
- Q.34 What are the Civil Airworthiness requirements?
- Q.35 What is the general equipment used for maintenance of aircraft?

SECTION-D

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

- Q.36 What are the various categories of AME licenses and renewals? What are the various types of certificates issued by DGCA regarding Airworthiness?
- Q.37 Explain the requirement and maintenance practices in detail.
- Q.38 Explain the detail the operation of balloons, microlight aircrafts and their maintenance requirement.

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Roll No.

4th Sem. Branch : Aircraft Maintenance

Sub. Aircraft Rules, Regulations & CAR-I/ Aircraft Rules, Regulations & CAR-II

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Multiple type Questions. All Questions are compulsory. (10x1=10)

- Q.1 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.2 Is the most exhaustive maintenance check of all?
- a) A-Check b) D-Check
c) C-Check d) B-Check
- Q.3 Preflight inspection is conducted by _____.
a) Copilot b) Pilot
c) Purser d) Ground staff
- Q.4 An organization shall appoint an accountable manager who shall
- a) Demonstrate relevant knowledge & background of related aircraft maintenance & working knowledge of CAR 145.
b) Ensure that all the recovery resources are available to accomplish maintenance
c) Establish & promote the safety & quality policy
d) AS in (2) & (3) & demonstrate basic understanding of 145

- Q.5 NDT comes under class of 145 organizations
 a) Specialized services b) Normal services
 c) Both d) None
- Q.6 In the “VASIS”, how many light units are in each wing bar?
 a) 4 b) 3
 c) 5 d) 2
- Q.7 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) Hanger
- Q.8 A radio signal losses strength as range from the transmitter increases: this is called:
 a) Propagation b) Attenuation
 c) Refraction d) Ducting
- Q.9 In aviation, the reflection on ionosphere layers phenomenon is used in the following frequencies:
 a) HF b) UHF
 c) VLF d) VHF
- Q.10 In the cockpit of a transport airplane , at least one manual fire-extinguisher must be conveniently located containing:
 a) Halon b) Powder
 c) Special fluids d) Water

SECTION-B

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

- Q.11 What is CAR 21?
- Q.12 What is the main task of AME?
- Q.13 What is a flight manual?
- Q.14 What is a special flight permit?
- Q.15 Who issues certificate of airworthiness?
- Q.16 What is the role of DGCA?
- Q.17 What is the need for log books?
- Q.18 What is the important certificate for gliders?
- Q.19 What is technical log book?
- Q.20 Mention a step taken to maintain Aircraft Safety.

SECTION-C

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

- Q.21 How is certification for aging aircraft done?
- Q.22 How are special flight permits issued?
- Q.23 What is the privileges of AME?
- Q.24 What is the use of advisory circulars?
- Q.25 What is the difference between technical log book and general log book?