

SECTION-C

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

- Q.21 How are special flight permits issued?
Q.22 What is the responsibility of AME?
Q.23 How is certification for aging aircraft made?
Q.24 What is maintenance practice of a glider?
Q.25 Explain a technical log book and general log book?
Q.26 Describe an advisory circular with example?
Q.27 Explain the 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 type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 What are the various categories of AME approvals? Describe the privileges of an AME.
Q.37 Explain the requirement of storage, quality control, checks and distribution.
Q.38 Explain in detail the process of aircraft maintenance including all parts.

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Roll No.

4th Sem./Branch : AME

Subject:- Aircraft Rules, Regulations and CAR-I / Aircraft Rules, Regulations and Car-II

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Which of the following is a primary factor contributing to the airworthiness of an aircraft?
a) Pilot's favorite color
b) Engine type
c) Weather forecast for the day
d) Passenger seating arrangement
Q.2 What is the purpose of routine aircraft inspections?
a) To entertain passengers
b) To identify potential safety issues and maintain airworthiness
c) To decide the next vacation destination for the crew
d) To test the aircraft's maximum speed
Q.3 What is the significance of Advisory Circulars (ACs) in aviation?
a) They provide guidance on regulatory compliance and best practices
b) They announce public holidays for aviation staff
c) They determine the seating arrangements in aircraft cabins
d) They offer discounts on aviation insurance

- Q.4 In the context of aviation maintenance, what is the role of CAR 145?
- a) It specifies the requirements for the certification of organizations performing maintenance on aircraft and components
 - b) It outlines the rules for aircraft registration and licensing
 - c) It governs the qualifications required for pilots flying commercial aircraft
 - d) It establishes guidelines for airport construction and management
- Q.5 Which regulatory body typically issues Aircraft Maintenance Engineer (AME) licenses?
- a) International Civil Aviation Organization (ICAO)
 - b) Federal Aviation Administration (FAA)
 - c) European Aviation Safety Agency (EASA)
 - d) Directorate General of Civil Aviation (DGCA)
- Q.6 What is the significance of endorsements on an AME license?
- a) They authorize the AME to operate different types of aircraft
 - b) They provide discounts on aviation fuel
 - c) They indicate specialized skills or qualifications of the AME
 - d) They allow the AME to perform aerobatic maneuvers
- Q.7 What is typically required for the renewal of an AME license?
- a) Completing a certain number of flight hours
 - b) Passing a medical examination
 - c) Paying renewal fees and demonstrating continued competency
 - d) Attending a conference on aviation safe

- Q.8 Which document confirms the ownership and nationality of an aircraft?
- a) Flight Manual
 - b) Certificate of Airworthiness
 - c) Certificate of Registration
 - d) Export Certificate of Airworthiness
- Q.9 What does an Export Certificate of Airworthiness signify?
- a) Permission to export aircraft spare parts
 - b) Compliance with airworthiness standards in the destination country
 - c) Authorization to import aircraft into a country
 - d) Approval for conducting test flights
- Q.10 What is the purpose of maintaining log books for aircraft?
- a) To track the flight crew's personal details
 - b) To record journey routes and destinations
 - c) To provide a historical record of maintenance, repairs, and inspections
 - d) To store passenger feedback and complaints
- SECTION-B**
- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11 What is the full form of IAR?
- Q.12 What is the difference between airworthiness and air safety?
- Q.13 What is C.A.R 21?
- Q.14 What is the task of AME?
- Q.15 How long the AME license is valid?
- Q.16 What do you mean by COR?
- Q.17 What is aging aircraft?
- Q.18 What is the need for log books?
- Q.19 What is the need for certificate for balloons?
- Q.20 Mention different instruments.