

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.

No. of Printed Pages : 4

187746/147746

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

- Q.8 Which document confirms the ownership and nationality of an aircraft?
- Flight Manual
 - Certificate of Airworthiness
 - Certificate of Registration
 - Export Certificate of Airworthiness
- Q.9 What does an Export Certificate of Airworthiness signify?
- Permission to export aircraft spare parts
 - Compliance with airworthiness standards in the destination country
 - Authorization to import aircraft into a country
 - Approval for conducting test flights
- Q.10 What is the purpose of maintaining log books for aircraft?
- To track the flight crew's personal details
 - To record journey routes and destinations
 - To provide a historical record of maintenance, repairs, and inspections
 - 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.