

- Q.23 How special flight permit is issued?  
 Q.24 What are the various AME licenses issued by DCCA?  
 Q.25 Briefly explain CAR 21.  
 Q.26 What are the essential qualifications for acquiring AME license?  
 Q.27 Describe certain relaxation for BAMEC applicants.  
 Q.28 What are the rules used for the safety of the aircraft?  
 Q.29 What do you understand by confirmed airworthiness?  
 Q.30 What are the salient pints about glider maintenance?  
 Q.31 What type of certificates are issued in case of balloons?  
 Q.32 Name the various processes of aircraft maintenance.  
 Q.33 What are the Civil Airworthiness requirements for microlight crafts?  
 Q.34 What is the requirement for certification of an Aircraft?  
 Q.35 How is duplicate inspection of control done?

#### **SECTION-D**

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 What are the various airworthiness and air safety certificates issues? Describe all of these.  
 Q.37 How the various aircraft instruments and gliders are maintained? Mention regulations.  
 Q.38 What are the various features of flight manual and all types of log books.

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**3rd Sem./Branch : Aircraft Maintenance Engg.**  
**Subject:- Aircraft Rules Regulation and CAR-I**

Time : 3Hrs. M.M. : 100

#### **SECTION-A**

- Note:** Multiple choice questions. All questions are compulsory (10x1=10)
- Q.1 Which regulatory body issues Civil Airworthiness requirement(CAR) in India ?  
 a) Federal Aviation Administration (FAA)  
 b) European Aviation Safety Agency (EASA)  
 c) Directorate General of Civil Aviation (DGCA)  
 d) International Civil Aviation Organization (ICAO)
- Q.2 What is the primary purpose of Aeronautical Information Circulars (AICs) relating to airworthiness?  
 a) To provide information on airport facilities  
 b) To announce changes in flight crew licensing  
 c) To disseminate important information regarding airworthiness standards and procedures  
 d) To offer discounts on aviation fuel
- Q.3 What is a primary responsibility of an AME with an "A" category license?  
 a) Conducting flight operations  
 b) Inspecting and releasing aircraft after maintenance  
 c) Providing weather forecasts to pilots  
 d) Selling aircraft spare parts

- Q.4 Which document confirms that an aircraft meets the airworthiness standards set by aviation authorities?

  - a) Pilot's license
  - b) Certificate of Registration
  - c) Passenger manifest
  - d) Weather report

Q.5 What is the primary purpose of a Flight Manual?

  - a) To provide information about passenger amenities
  - b) To outline the history of the aircraft
  - c) To provide operating limitations and procedures for safe flight
  - d) To list flight crew members' names

Q.6 What information is commonly recorded in a Journey Log Book?

  - c) Technical specifications of the aircraft
  - b) Details of scheduled maintenance tasks
  - c) Flight details such as departure and arrival times, fuel consumption, and crew names
  - d) Passenger manifests and ticket sales data

Q.7 Why is it important for log book entries to be accurate and detailed?

  - a) To impress aviation authorities during inspections
  - b) To track the aircraft's financial performance
  - c) To ensure compliance with regulatory requirements and maintain safety standards
  - d) To maintain secrecy regarding aircraft operations

Q.8 Latest amendment of aircraft rules took place in

  - a) 1937
  - b) 2023
  - c) 2011
  - d) 2015

- Q.9** Validity of commercial pilot license is?

  - 5 Years
  - 10 Years
  - Unlimited
  - Till the retirement age

**Q.10** Aircraft maintenance licenses does not include the following categories

  - Category A
  - Category B1
  - Category D2
  - Category C

**SECTION-B**

**Note:** Objective type questions. All questions are compulsory.  $(10 \times 1 = 10)$

**Q.11** What do you mean by Aircraft rules?

**Q.12** What is CAR 145?

**Q.13** What is the role of AME?

**Q.14** Who gives Certificate of Airworthiness?

**Q.15** What is an AME notice issued by DGCA?

**Q.16** What is a microlight aircraft?

**Q.17** What is export certifications?

**Q.18** What is a duplicate inspection?

**Q.19** What is a log book?

**Q.20** What is the minimum age for sole control of aircraft?

**SECTION-C**

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions.  $(12 \times 5 = 60)$

**Q.21** What are the most important rules w.r.t Airworthiness of an aircraft?

**Q.22** What are the privileges of AME?