

- 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 points 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.

No. of Printed Pages : 4
Roll No.

147735

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 ?
- Federal Aviation Administration (FAA)
 - European Aviation Safety Agency (EASA)
 - Directorate General of Civil Aviation (DGCA)
 - International Civil Aviation Organization (ICAO)
- Q.2 What is the primary purpose of Aeronautical Information Circulars (AICs) relating to airworthiness?
- To provide information on airport facilities
 - To announce changes in flight crew licensing
 - To disseminate important information regarding airworthiness standards and procedures
 - To offer discounts on aviation fuel
- Q.3 What is a primary responsibility of an AME with an "A" category license?
- Conducting flight operations
 - Inspecting and releasing aircraft after maintenance
 - Providing weather forecasts to pilots
 - Selling aircraft spare parts

- Q.4 Which document confirms that an aircraft meets the airworthiness standards set by aviation authorities?
- Pilot's license
 - Certificate of Registration
 - Passenger manifest
 - Weather report
- Q.5 What is the primary purpose of a Flight Manual?
- To provide information about passenger amenities
 - To outline the history of the aircraft
 - To provide operating limitations and procedures for safe flight
 - To list flight crew members' names
- Q.6 What information is commonly recorded in a Journey Log Book?
- Technical specifications of the aircraft
 - Details of scheduled maintenance tasks
 - Flight details such as departure and arrival times, fuel consumption, and crew names
 - Passenger manifests and ticket sales data
- Q.7 Why is it important for log book entries to be accurate and detailed?
- To impress aviation authorities during inspections
 - To track the aircraft's financial performance
 - To ensure compliance with regulatory requirements and maintain safety standards
 - To maintain secrecy regarding aircraft operations
- Q.8 Latest amendment of aircraft rules took place in
- | | |
|---------|---------|
| a) 1937 | b) 2023 |
| c) 2011 | d) 2015 |

(2)

147735

- 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
- | | |
|----------------|----------------|
| a) Category A | b) Category B1 |
| c) Category D2 | d) Category C |

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=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. (12x5=60)

- Q.21 What are the most important rules w.r.t Airworthiness of an aircraft?
- Q.22 What are the privileges of AME?

(3)

147735