

- Q.22 Briefly Explain CAR 145.  
 Q.23 What are the responsibilities of BAMEC license holders?  
 Q.24 What do you mean by certificate of registration?  
 Q.25 What is the requirement for special flight permits?  
 Q.26 Explain different types of maintenance checks for aircrafts.  
 Q.27 How many types of log books are maintained?  
 Q.28 What do you mean by "Aircraft is missing"?  
 Q.29 Who certifies military aircrafts for airworthiness?  
 Q.30 What is the difference between technical log book and a log books?  
 Q.31 What are the various categories of DGCA licenses?  
 Q.32 What is the general equipment used for maintenance of glider?  
 Q.33 How do you ensure Quality Control on Maintenance ?  
 Q.34 Describe a flight manual?  
 Q.35 What are the various types of Advisory Circulars?

#### **SECTION-D**

- Note:** Long answer questions. Attempt any two questions out of three Questions.  $(2 \times 10 = 20)$
- Q.36 How the different AME licenses are issued and maintained? Describe the rules for the endorsement and renewal for each one of them.  
 Q.37 a) Describe importance of advisory circulars and explain the provisions in CAR 145.  
       b) What are the general requirement for maintenance of gliders and microlight aircrafts?  
 Q.38 a) Explain special flight permit and export certificate of Airworthiness.  
       b) Describe all type of airworthiness certificates required for aviation industry

(20)

(4)

147735

No. of Printed Pages : 4  
Roll No. ....

147735

**3rd Sem.**  
**Branch : Aircraft Maintenance Engg.**  
**Sub.: Aircraft Rules, Regulations and CAR-I**

**Time : 3 Hrs.**

**M.M. : 100**

#### **SECTION-A**

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

- Q.1 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.2 If an AME notice issued by DGCA highlights a critical safety issue with a particular aircraft component, what action should maintenance personnel take?  
       a) Ignore the notice and proceed with regular maintenance procedures  
       b) Notify the aircraft owner and wait for further instructions  
       c) Ground the affected aircraft and implement the recommended corrective measures  
       d) Conduct a test flight to assess the severity of the issue  
 Q.3 Which regulatory body typically issues Aircraft Maintenance Engineer (AME) licenses?  
       a) International Civil Aviation organization ICAO  
       b) Federal Aviation Administration (FAA)

(1)

147735

- Q.4
- c) European Aviation Safety Agency (EASA)
  - d) Directorate General of Civil Aviation (DGCA)
- 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 flight tests
- Q.5
- In what circumstances might an aircraft require a special flight permit?
- a) To fly at supersonic speeds
  - b) To transport hazardous materials
  - c) To relocate the aircraft for maintenance or repair
  - d) To carry out aerobatic maneuvers during an airshow
- Q.6
- 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.7
- What is the purpose of a Flight Manual?
- a) To certify the airworthiness of the aircraft
  - b) To provide guidance on aircraft maintenance procedures
  - c) To outline operating limitations and procedures for safe flight
  - d) To list the aircraft's registration details
- Q.8
- What does an Export Certificate of Airworthiness signify?
- a) Permission to export aircraft spare parts
  - b) Compliance with airworthiness standards in the destination country
- Q.9
- c) Authorization of import aircraft into a country
  - d) Approval for conducting test flights.
- Why might special flight permits be issued?
- a) To allow the aircraft to fly without maintenance
  - b) To authorize flights with known mechanical issues for the purpose of repair
  - c) To conduct experimental flights for research purposes
  - d) To permit flights at higher altitudes than usual
- 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 FAA & DGCA?
- Q.12
- What is the difference between IAAI and AAI?
- Q.13
- Rule 133 of Aircraft rules 1937 is for \_\_\_\_\_.
- Q.14
- What is an AME?
- Q.15
- What is recorded in log book?
- Q.16
- Name two mandatory documents.
- Q.17
- Who controls the flight path?
- Q.18
- What are the different categories of AME licenses?
- Q.19
- What is special flight permit?
- Q.20
- Name two main instruments in aircraft?
- SECTION-C**
- Note:** Short answer type Questions. Attempt any twelve questions out of fifteen Questions. (12x5=60)
- Q.21
- What are the requirements for getting BAMEC.