

- Q.25 Explain C.A.R 21 ?
  - Q.26 Explain special flight permit
  - Q.27 How is authorization of AME license done ?
  - Q.28 What is Air Worthiness requirement ?
  - Q.29 How do you ensure Quality Control in Maintenance?
  - Q.30 What is the requirement of maintenance worksheets?
  - Q.31 How is certification for aging aircraft made?
  - Q.32 Write a short note on C.A.R 145.
  - Q.33 What are the various types of Advisory Circulars?
  - Q.34 What are the various privileges of AME ?
  - Q.35 What is a flight manual ?

## **SECTION-D**

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 What are the different AME notices and circulars issued by DCCA? What is the function of DCCA?
  - Q.37 How the different AME licenses are issued and maintained? state rules w.r.t to safety of the aircraft.
  - Q.38 What are Aeronautical information Circulars and advisory circulars ? How are they maintained ?

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

147735

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

Time : 3 Hrs.

M.M.: 100

## **SECTION-A**

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

- Q.1 Who should be responsible for monitoring the amendment of the MOE.

  - Quality assurance manager
  - Quality Manager
  - As in (a) and operator
  - As in (b) and operator

Q.2 The MOE should cover.....main parts

  - 2
  - 5
  - 6
  - 4

Q.3 The movement area of an airfield, the adjacent lands and buildings or the parts of them with controlled access is called :

  - Terminal
  - Maneuvering area
  - Aeronautical part
  - Security program

Q.4 Credit expires \_\_\_\_\_ years after they were granted to the applicant by DGCA.

  - 2
  - 5
  - 6
  - 10

- Q.5 In the cockpit of a transport airplane, at least one manual fire-extinguisher must be conveniently located containing:  
 a) Halon                      b) Powder  
 c) Special fluids            d) Water
- Q.6 Where do the heavier checks (C- check and D-check) take place?  
 a) Maintenance, repair and overhaul (MRO) company sites  
 b) Airport bay  
 c) Manufacturing sites  
 d) Hangar
- Q.7 When an aircraft has sustained damage, the aircraft shall be allowed to resume its flight if \_\_\_\_\_ considers it airworthy.  
 a) ICAO                      b) State of operation  
 c) State of registry        d) None of the above
- Q.8 Preflight inspection is conducted by \_\_\_\_\_  
 a) Copilot                    b) Pilot  
 c) Purser                    d) Ground staff
- Q.9 Clearance to land or any alternative clearance received from the non-radar controller should normally be passed to the aircraft before it reaches a distance of:  
 a) 3 NM from touchdown  
 b) 5 NM from touchdown  
 c) 4 NM from touchdown  
 d) 2 NM from touchdown

(2)

147735

Q.10 Which is the most expensive maintenance check of all?  
 a) A-Check                    b) D-Check  
 c) C-Check                    d) B-Check

### **SECTION-B**

**Note:** Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 What is C.A.R 145 ?  
 Q.12 What do you mean by worthiness ?  
 Q.13 What is a log books ?  
 Q.14 What is AME ?  
 Q.15 Define "Aging Aircraft ".  
 Q.16 What is ATC ?  
 Q.17 What is the full form of DGCA ?  
 Q.18 What is the full form of FAA and ICAO ?  
 Q.19 What is a glider ?  
 Q.20 What is duplicate inspection?

### **SECTION-C**

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

- Q.21 What is the procedure for issue of AME license ?  
 Q.22 What are the various categories of AME license ?  
 Q.23 What is the difference between technical and journey log books ?  
 Q.24 What is the general equipment used for maintenance of aircraft ?

(3)

147735