

- Q.25 What is the difference between technical log book and general log book?
- Q.26 What are different types of advisory circulars?
- Q.27 What is the requirement procedure for issuance of special flight permits?
- Q.28 How is certification for aging aircraft made?
- Q.29 What are the mandatory documents?
- Q.30 What are the major Civil Airworthiness requirements?
- Q.31 How is duplicate inspection of control done?
- Q.32 Give an example of AME notice issued by DGCA.
- Q.33 What is the mandate of DGCA?
- Q.34 What is the requirement for checks in an Aircraft?
- Q.35 Describe flight manual.

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 What are the various privileges of AME? What are the various types of certificates issued and the endorsements?
- Q.37 What are the various instruments used in aircrafts? Explain the functioning of Air Speed Indicator with diagram?
- Q.38 Explain in detail the process of certification of gliders, microlight aircrafts and hot air balloons.

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4th Sem / Aircraft Maintenance
**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 What is the full form of VFR?
a) Visual fight rules b) Visual flying rules
c) Virtual flight rules d) Virtual flying rules
- Q.2 Preflight inspection is conducted by _____
a) Copilot b) Pilot
c) Purser d) Ground staff
- Q.3 A register or airlines operating an AOC is maintained by the _____
a) ICAO b) CAA
c) FAA d) None of the above
- Q.4 A part 145 approval covers?
a) Base maintenance
b) Only line maintenance
c) All type of maintenance
d) Major part of the organization
- Q.5 Who may amend or endorse a part 66 license?
a) A license holder

- b) A part 147 organization
 - c) A part 145 organization
 - d) Any of the above
- 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 A radio signal losses strength as range from the transmitter increases; this is called
- a) Propagation b) Aattenuation
 - c) Refraction d) Ducting
- Q.8 In aviation, the reflection on ionosphere layers phenomenon is used in the following frequencies:
- a) HF b) UHF
 - c) VLF d) VHF
- Q.9 The fuel system boost pumps are used to:
- a) Feed the lines with fuel for directing it to the engine at a positive pressure
 - b) Feed the fuel control units, which inject the pressurized fuel into the engine
 - c) Avoid the bubbles accumulation
 - d) Avoid the bubbles accumulation and feed the lines with fuel for directing it to the engine at a positive pressure

- Q.10 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

SECTION-B

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

- Q.11 What is the full form of IAR?
- Q.12 What do you mean by Airworthiness?
- Q.13 What is CAR 21?
- Q.14 Mention one important task of AME.
- Q.15 What is C o R?
- Q.16 What is the role of DGCA?
- Q.17 What is recorded in log books?
- Q.18 Where duplicate inspection is done?
- Q.19 What is special permit?
- Q.20 What do you mean by aging aircraft?

SECTION-C

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

- Q.21 How export certificate of airworthiness is issued?
- Q.22 What is the privilege of AME?
- Q.23 What type of AME licenses are issued?
- Q.24 How glider is certified?