

(Following Paper ID and Roll No. to be filled in your
Answer Books)

Paper ID : 148801

Roll No.

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B. TECH.

Theory Examination (Semester-VIII) 2015-16

AIRCRAFT RULES & REGULATIONS

Time : 3 Hours

Max. Marks : 100

Note : Attempt all question carrying equal marks :

Section A

Note : Attempt all parts. All parts carry equal marks.

Q1. Write answer of each item in short or max. 30 words

(10×2=20)

- (a) What is “CAR” ?
- (b) What is function of “Airworthiness Directorate”?
- (c) What is the purpose of “Airworthiness Advisory Circulars”.

- (d) What are “Hot air balloons” ?
- (e) Define Reliability.
- (f) What do you understand by TBO ?
- (g) Name four mandatory equipments fitted on aircraft.
- (h) What are “registration marking” on aircraft ?
- (i) What are “Concessions” ?
- (j) What is “Defect Recording” ?

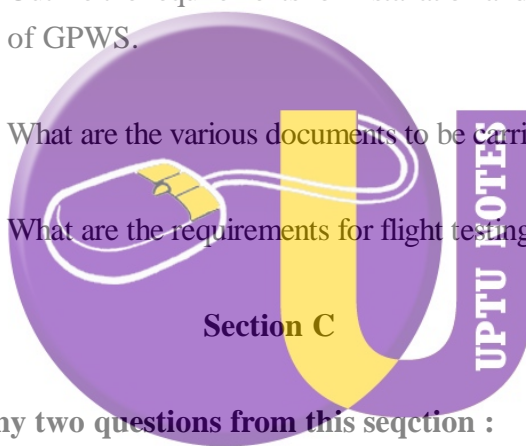
Q2. Attempt any five questions from this section:

(5×10=50)

- (a) Describe the Aircraft Rules 1937.
- (b) Describe the method of preparation and approval of “cockpit check list”.
- (c) What do you understand by maintenance control by Reliability Method?

(2)

- (d) What are the various aircraft fuelling procedures?
- (e). Write short notes on the following :
- (i) Certificate of registration
 - (ii) Certificate of airworthiness
- (f) Outline the requirements for installation and maintenance of GPWS.
- (g) What are the various documents to be carried on board?
- (h) What are the requirements for flight testing of aircraft?



Attempt any two questions from this section :

(2×15=30)

3. What are the requirements for maintenance of aging aircraft ?
4. What is the difference between “Quality Control” and Quality Assurance” ?

5. Write short note on the following :

- (i) Aircraft Manuals
- (ii) MEL
- (iii) Weight and balance control

