

Roll No.....
Total No. of Questions: [09]

Total No. of Printed Pages: [01]

B.Sc. (Hons.) AME (Semester – 3rd)
AVIATION LEGISLATION-II
Subject Code: BAME3-320
Paper ID: [20131113]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a. What do you mean by the term ‘A complex motor powered aircraft’?
- b. What alternatives could serve as a document equivalent to a CA Form 1?
- c. Which types of components are typically classified as unsalvageable?
- d. What minimum information should be recorded for airworthiness review staff member?
- e. What is meant by the term authorised person and sign off according to CAR 145?
- f. Define the term ‘safety management system’ and ‘Just Culture’.
- g. How does an approved organisation collect Safety Data?
- h. Define ‘Human factors’ and ‘Human performance’.
- i. What is meant by Consumable material and Raw material?
- j. For what purpose do a CAR 145 organization have maintenance man-hour plan by?

Section – B

(5 marks each)

- Q2. According to CAR M Sub-Part E, what categories should all components classified into?
- Q3. What is an independent inspection and how to perform it?
- Q4. Explain requirements regarding occurrence reporting to be followed by a CAR 145 organization?
- Q5. Briefly write about Phase 2 Fuel Tank Safety Training.
- Q6. What are the requirements to be followed regarding appointment of Key Safety Personnel?

Section – C

(10 marks each)

- Q7. According to CAR145.A.25, what does the organization ensure regarding Facility requirements?
- Q8. Explain the requirements of certifying staff and support staff to be ensured by the organization as per CAR 145.A.35?
- Q9. How shall the aircraft continuing airworthiness and the serviceability of both operational and emergency equipment be ensured as per CAR M Sub-Part C?