

**Eighth Semester B.Tech Degree Examination, April /May 2016**

**(2008 scheme)**

**Branch: Aeronautical Engineering**

**08.802: AIRCRAFT RULES AND REGULATIONS CAR I & II**

Time:3 Hours

Max.Marks:100

*Answer all questions from part-A and one full question from each module of Part-B.*

**PART A (10x4=40 Marks)**

1. Explain CDL?
2. State the objectives of airworthiness directorate?
3. What is meant by flight report?
4. Explain the term 'TBO'?
5. Describe the role of 'AME' in aviation?
6. Explain the certificate of Airworthiness?
7. What is meant by 'Type Certificate' of Aircraft?
8. Define Inspection?
9. Differentiate between First Aid Kit and Physician kit in Aircraft.
10. What is meant by log book?

**PART B**

**(3x20=60 Marks)**

**MODULE -I**

11. Describe the procedure of CAR issue and amendments? (20)

(OR)

12. Explain the requirement of approval of organisations under category 'B'  
(20)

**MODULE -II**

13. Explain in detail Aircraft maintenance programme and its approval. (20)

(OR)

14. Explain the requirement of infrastructure for heavy aircraft at station other than parent base. (20)

**MODULE -III**

15. Describe in detail the eligibility to apply for aircraft maintenance engineers' basic licence. (20)

(OR)

16. Explain the following

- (i) Furnishing materials in an aircraft? (10)
- (ii) Documents to be carried on board in Indian Registered Aircraft. (10)