

B.Sc., DEGREE EXAMINATION, NOVEMBER 2008

Aeronautical Science

Aircraft Rules & Airworthiness Regulations-1

(Upto 2007 Batch)

Duration : 3 Hours

Maximum : 75 marks

Part - A

(5 x 3 = 15)

Answer any Five Out of Eight

1. What are the duties of Technical officers of A/W Directorate?
2. What are the conditions subject to the a/c for maintaining the a/c in airworthy condition.
3. For approval of type certificate, what are the manuals required?
4. Under what circumstances, the cancellation of registration of a/c.
5. Write the Issue of Duplicate certificate of registration?
6. Who are the authorised to certify the certificate of maintenance?
7. What is the calibration of fuel quantity gauges?
8. Define "Setting time".

Part -B

(5 x 12 = 60)

Answer all questions:

9. a. Detail the procedure of Issue of CAR?

(OR)

- b. What are the powers of Central Government to make a/c rules?

10. a. What are the information given in type design record for issue of type certificate manufactured in India?

(OR)

b. What are the duties of Accounting managers?

11. a. Brief out the renewal procedure of CoFA?

(OR)

b. Write the procedure for subsequent revalidation of suspension of CoFA?

12. a. What is release Note and write the format of Release Note?

(OR)

b. What are the requirements for approval of organisation in category "D" and "E"?

13. a. What are the safety precautions against the Fire Hazard?

(OR)

b. Describe the procedure mentioned in the manual for supply of fuel?
