

## SEMESTER –II

### Subject: Aviation Legislation–Part B

#### Theory

TOPICS	LEVEL
10.3 CAR-145 — Approved Maintenance Organizations Detailed understanding of CAR-145 and CAR M Subpart F	2
10.5 Aircraft Certification (a)general Certification rules: such as FAA & EACS 23/25/27/29; Type Certification; Supplemental Type Certification; CAR-21 Design/Production Organisation Approvals. Aircraft Modifications and repairs approval and certification Permit to fly requirements (b)documents Certificate of Airworthiness; Certificate of Registration; Noise Certificate; Weight Schedule; Radio Station Licence and Approval	1
10.6 CAR-M Detail understanding of CAR 21 provisions related to Continuing Airworthiness Detailed understanding of CAR-M.	2
10.8 Safety Management System State Safety Programme Basic Safety Concepts Hazards & Safety Risks SMS Operation SMS Safety performance Safety Assurance	2
10.9 Fuel Tank Safety Special Federal Aviation Regulations (SFARs) from 14 CFR SFAR 88 of the FAA and of JAA TGL 47 Concept of CDCCL, Airworthiness Limitations Items (ALI)	2