

SEMESTER – V

Subject : Helicopter aeroplane aerodynamics structures systems Part C Theory

Topics	Level
12.8 Electrical Power Batteries Installation and Operation; DC power generation, AC power generation; Emergency power generation; Voltage regulation, Circuit protection. Power distribution; Inverters, transformers, rectifiers; External/Ground power.	3
12.15 Lights External: navigation, landing, taxiing, ice; Internal: cabin, cockpit, cargo; Emergency.	3
12.9 Equipment and Furnishings Emergency equipment requirements; Seats, harnesses and belts; Lifting systems. Emergency flotation systems; Cabin lay-out, cargo retention; Equipment lay-out; Cabin Furnishing Installation	2
12.10 Fire Protection Fire and smoke detection and warning systems; Fire extinguishing systems; System tests.	3