Reg. No										

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Gandhi Institute of Engineering and Technology University, Odisha, Gunupur (GIET University)

B. Tech (First Semester - Regular) Examinations, January 2026

25FYAE11002 – Aviation Legislation-I

Time: 3 hrs | Maximum: 60 Marks

Answer ALL questions
(The figures in the right hand margin indicate marks)

PART – A **(2 x 5 = 10 Marks)**

Q.1. Answer ***ALL*** questions

		CO #	Blooms Level
a.	What is car145 approved maintenance organisation	CO3	K1
b.	Explain the objective and scope of the car 147	CO5	K1
c.	Explain the objective and scope of the car 145 in civil aviation	CO3	K2
d.	Describe the different category of the car 66 licences	CO2	K2
e.	Explain the objective and scope of the car m	CO4	K2

PART – B **(10 x 5 = 50 Marks)**

Answer ***ALL*** the questions

		Marks	CO #	Blooms Level
2. a.	Discuss the basic knowledge requirements under CAR 66 for an Aircraft Maintenance Engineer.	5	CO2	K2
b.	Describe the different categories and subcategories of CAR 66 licenses and their privileges	5	CO2	K2
	OR			
c.	Describe the limitations and responsibilities of a CAR 66 licensed Aircraft Maintenance Engineer.	5	CO2	K3
d.	Explain the process of obtaining car 145 approval from DGCA	5	CO3	K2
3.a.	What is MTOE? Explain its importance	5	CO5	K2
b.	Discuss the human factor and training requirement under car 145	5	CO3	K2
	OR			
c.	Describe the relationship between car 145 and car m	5	CO6	K3
d.	Describe the relationship between CAR 66 and CAR 147 in ensuring aviation safety.	5	CO6	K3
4.a.	Explain the objectives and scope of FTS in aviation maintenance training.	5	CO3	K2
b.	Describe the approval requirements for a CAR-145 maintenance organization.	5	CO3	K2
	OR			
c.	Discuss the role and responsibilities of a CAR-145 approved organization.	5	CO3	K2
d.	Describe the examination system under CAR 66. Explain module examinations, pass standards, validity periods, and credit retention rules.	5	CO2	K3
5.a.	Explain the structure of CAR 66 licensing system. Discuss the different license categories and subcategories, including their scope of certification privileges.	5	CO2	K3
b.	Explain the limitations and privileges of a CAR 66 licensed AME. Under what conditions can certification privileges be exercised?	5	CO2	K2
	OR			
c.	Explain the procedures for changes and amendments in a CAR-145 organization approval.	5	CO3	K2

d.	Describe the approval process for a CAR 147 organization. What documents and demonstrations are required by DGCA?	5	CO5	K2
6.a.	Explain the privileges and limitations of a CAR-m approved organization.	5	CO4	K4
b.	Describe the approval process for a CAR 147 organization. What documents and demonstrations are required by DGCA?	5	CO5	K3
	OR			
c.	Discuss the student admission, attendance, and training records requirements of CAR-147.	5	CO5	K3
d.	Discuss the roles of the Accountable Manager, Quality Manager, and Maintenance Manager, and analysis how failure in these roles can affect continued airworthiness and regulatory compliance.	5	CO3	K3

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