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Department of Research & Development
Mid - Term Examinations - SEPTEMBER 2024

Odd Semester: Ph.D. Course Work	Date: 27/09/2024
Course Code: MEC815	Time: 10:00am – 11:30am
Course Name: Testing of Materials	Max Marks: 50
Department: Mechanical Engineering	Weightage: 25%

Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Do not write anything on the question paper other than roll number.

Part A

Answer ALL the Questions. Each question carries 5 marks.		4Qx5M=20M
1	What is Testing? List the various Advantages of testing	5 Marks
2	Discuss various Testing Standards	5 Marks
3	List the Classification of material testing & also list the Purpose of testing	5 Marks
4	Discuss the various Mechanical Testing methods used to test the materials	5 Marks

Part B

Answer ALL Questions. Each question carries 15 marks.		2Qx15M=30M
5	Write a note on various Testing organizations and its committee.	15 Marks
6	What is Tensile Test? Discuss the how the Tensile test is conducted by Universal Testing Machine	15 Marks