



DEPARTMENT OF CIVIL ENGINEERING

MID TERM EXAMINATION

Subject: Material Testing Repair & Maintenance
Instructor: Engr Khurshid Alam
Course code: CT-245

Duration: 4 hrs.
Total Marks: 30

Note: Attempt all questions. Manage your time properly. Understanding question paper is the part of examination. Draw diagrams wherever necessary. Please refer to your notes for assistance. Copy from internet will be marked less.

No. (01) (4+6)

- Why testing of materials are required. Briefly describe types of materials testing.
- Elaborate the tests involved in determining the hardness and toughness of materials.

No. (02) (3+7)

- What is meant by non-destructive tests? Write the names of N.D.T methods.
- Describe N.D.T tests. Briefly explain their advantages and disadvantages.

No. (03) (5+5)

- What is meant by creep test? State where is creep test important.
- Define Material Property. Elaborate mechanical properties of material.

THE END
