



DEPARTMENT OF CIVIL ENGINEERING

FINAL TERM EXAMINATION

Subject: Civil Engineering Materials

Duration: 4 hrs.

Instructor: Engr Jebran Khan

Total Marks: 50

Course code: CE-116

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 marked less.

No. (01) (4+6)

- a) Define aggregates. Briefly describe classification of aggregates.
- b) Discuss in detail mechanical properties of aggregates.

No. (02) (5+5)

- a) Discuss in detail physical properties of aggregates.
- b) Define mortar. What are the important points for the preparation of mortar.

No. (03) (4+6)

- a) Briefly describe classification of mortar.
- b) Explain the properties of good mortar.

No. (04) (3+7)

- a) Define concrete. What are the main components of concrete.
- b) Briefly describe important properties of concrete.

No. (05) (10)

- Discuss in detail manufacturing of concrete.

THE END
