

## IQRA NATIONAL UNIVERSITY, PESHAWAR

## DEPARTMENT OF CIVIL ENGINEERING

## MID TERM EXAMINATION

Subject: Engineering Drawing for Civil Engineers Duration: 4 hrs.

Instructor: Engr Khurshid Alam Total Marks: 30

Course code: CE-113

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) (3+7)

- a) Define engineering drawing. Briefly describe importance of engineering drawing.
- b) Elaborate the instrument used in engineering drawing.

No. (02) (5+5)

- a) What is meant by elements of engineering drawing? Describe the types of lines in engineering drawing.
- b) Define letter styles. Briefly describe classification of letter styles.

No. (03) (6+4)

- a) Define single stoke lettering. Briefly describe the order of single stoke lettering.
- b) Define sketching or freehand. Describe how straight lines are drawn using freehand.

## THE END