DRAUGHTSMAN CIVIL
(PRACTICAL)
SEMESTER-III

TIME : 8 Hrs.  MARKS: 270

Note:- Attempt all questions. All questions carry equal marks.

1. (a) Write the following:
   "DRAUGHTSMAN CIVIL"
   Letter height 2 cm Double stroke vertical.
   (b) Construct a diagonal scale to read metre and centimeter, representative fraction 1:50 and marks 4 metre and 65 cm on your scale.

2. (a) Draw detail drawing for a steel Grillage foundation for a base 3.5 metre x 3.5 Metre. Assume all other dimensions as per ‘l’ section available.
   (b) Draw detail drawing of a spread footing foundation for 40 cm wall. Assume all the other dimension.

3. Draw the following bond –
   (a) English bond
   (b) Flemish bond
   (c) Herring bone bond
   (d) Diagonal bond
   (e) Zig-Zag bond

4. Draw the following conventional signs –
   (a) Stone
   (b) Glass
   (c) Marble
   (d) Cement Screed
   (e) Fibre-board
   (f) Re-constructed Stone
   (g) Reinforced Concrete
   (h) Foot Path
   (i) Gate
   (j) Bar Wire Fence

5. Draw the following bricks –
   (a) Standard Brick
   (b) Bat
   (c) King closer
   (d) Well Header
   (e) 3/4 Bat
   (f) Single Bull Nose

6. Draw brick pillar masonry in English Bond and Flemish Bond 1 1/2 brick thick.