DRAUGHTSMAN CIVIL
(PRACTICAL)
SEMESTER-I

TIME: 8 HRS.

MARKS: 270

Note: Attempt Any Three questions in all. All questions carry equal marks.

1. Draw the symbols and conventional representation for the following mentioned items as per IS962-1989 for building drawings:
   (a) Railways line (single)
   (b) Canal stream
   (c) Grave yard or cemetery
   (d) Stair
   (e) Rain water Gutter
   (f) Refrigerator

2. Draw the following masonry with suitable scale-
   (a) English bond with 2 brick wall
   (b) Diagonal bond with stretching faces at every 5th or 7th course
   (c) T-junction with one brick thick

3. Draw the following water proofing treatment in the buildings.
   (a) When pipe passes through concrete roof
   (b) Projecting pipe on flat roof

4. Draw the following drawing of arches and lintels
   (a) Semi circular arch of clear span of 1.2m
   (b) 60° segmental arch
   (c) R.C.C linter of clear span 1.2 m with 12mm dia bar as main reinforcement

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