

TED (10) 3033  
[Revision 2010]

Reg.No. ....  
Signature. ....

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/MANAGEMENT/  
COMMERCIAL PRACTICE- APRIL - 2018.

WORKING DRAWING-I

[Maximum Marks : 100]

Time : 3 Hrs

- Note:-1. Drawing shall be neat and fully dimensioned.  
2. Missing data can be suitably assumed.  
3. A2 size drawing sheet to be supplied].

PART - A  
(Maximum marks: 10)

Marks

- I** Answer all questions in one or two sentences. Each question carries 2 marks.
1. Define stretcher bond.
  2. The type of foundation provided when depth is more than 5m.
  3. The horizontal bottom member of window frame.
  4. The vertical transportation used in buildings having more than four stories.
  5. Write the types of steel trusses with span. (5x2=10)

PART - B

(Maximum marks: 30)

- II** Answer any Three of the following questions. Each question carries 10 marks.
1. Differentiate between king closer and queen closer.
  2. Draw the reinforcement details for a 30cm diameter pile.
  3. Draw the Sectional details of a stair showing its parts.
  4. Draw the Elevation of a fully glazed window.
  5. Draw the details at a base plate connection of a steel truss. (3x10=30)

PART - C  
(Maximum marks: 60)

(Answer one full question from each unit. Each full question carries 15 marks)

UNIT - I

**III.** Draw even and odd courses of one and a half brick wall in English bond.

Also draw an elevation to a height of 50cm. (15)

OR

**IV. a.** Draw the courses of a T-junction of one brick with one in English bond.

b. Draw a typical foundation details for a wall with step. (15)

UNIT - II

**V.** Draw the vertical section of a glazed window of 100x120cm size. (15)

OR

**VI.** Draw the elevation of a paneled door of opening 100x210 cm. (15)

UNIT - III

**VII.** Draw the plan and section of passenger lift and lift pit. (15)

OR

**VIII.** Draw the typical plan and elevation of the following.

i. straight stair      ii. Dog legged stair (15)

UNIT - IV

**IX.** Draw the base connection details of tubular truss. (15)

OR

**X.** Draw the elevation of steel truss of 750cm span. (15)

.....