

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/  
MANAGEMENT/COMMERCIAL PRACTICE — OCTOBER, 2017

**WORKING DRAWING - II**

[Time : 4 hours

(Maximum marks : 100)

- [Note :—1. Drawing shall be neat and fully dimensioned.  
2. Missing data can be suitably assumed.  
3. Butter sheets or tracing paper of size A1 as required are 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 one way slab.
2. What is the purpose of an inspection chamber ?
3. Point out the importance of work triangle in the design of a kitchen.
4. What is a two way switch ? Where is it used ?
5. Differentiate between a floor trap and gully trap. (5×2 = 10)

PART — B

(Maximum marks : 30)

II Answer any *three* questions. Each question carries 10 marks.

1. Draw the plan of a bed room with furniture and mark any five electrical fittings and their switch points.
2. Draw the section through a kitchen cabinet and mark standard heights.
3. Draw the section of overhead water tank of a residence.
4. Draw the typical reinforcement detail of simply supported beam. (3×10 = 30)

PART — C

(Maximum marks : 60)

- III Draw the plan and two sectional elevation of a toilet of size 2.8 m × 3m. Show wash basin, water closet, shower area and a bath tub. Show all dimensions and specifications. (20+20+20 = 60)