

**DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/
MANAGEMENT/COMMERCIAL PRACTICE, OCTOBER/NOVEMBER – 2018**

WORKING DRAWING-II

- [Note:- 1. Drawing shall be neat and fully dimensions.
2. Missing data can be suitably assumed.
3. A2 size drawing sheet to be supplied.
4. Question No.III is compulsory.]

[Maximum Marks: 100]

[Time: 3 Hours]

PART-A

[Maximum Marks: 10]

(Answer **all** questions in one or two sentences. Each question carries 2 marks)

- I. 1. Write the minimum requirements of a fire escaping stair.
2. Sketch the symbols of the following:
(a). Exhaust fan. (b). Power plug.
3. List out the documents to be required in a submission drawing.
4. Define gulley trap.
5. Define plinth area of a building.

(5 x 2 = 10)

PART-B

[Maximum Marks: 30]

(Answer any **three** of the following questions. Each question carries **ten** marks)

- II. 1. Draw the section of a masonry wall footing with the following data.
Wall thickness : 20 cm Basement : 45 cm width
Foundation : 60 cm width Foundation concrete footing : 90 cm width
2. Draw the electrical layout of a dining room of size 380 x 420 to a scale of 1:50.
3. Draw the typical plan and longitudinal section of a septic tank for a residential building.
4. Draw a section through a kitchen counter and overhead cabinets with dimension and specifications.

(3x 10 = 30)

PART-C

[Maximum Marks: 60]

(Answer the following question carries 60 marks)

III. Draw the plan and two sectional elevations of a toilet of size 180 x 300. The toilet has a shower area, bath tub, wash basin and a European water closet. Show all the dimensions and specifications.

Plan : 20 marks

Sections : (20 + 20) marks

60

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