

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

**ARCHITECTURAL DRAWING - III**

[Time : 4 hours

(Maximum marks : 100)

- [Note :—
1. Drawings shall be neat and fully dimensioned.
  2. Missing data can be suitably assumed.
  3. Two Nos. 594cm × 420 cm Tracing paper/ drawing paper and butter sheets for rough work are to be supplied.
  4. Final drawing may be drafted in pencil or pen and ink.]

**PART — A**

(Maximum marks : 10)

Marks

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

1. What is meant by a basement floor ?
2. State the minimum width for fire escape stair. Also mention its rise and tread.
3. What is a sun shade ?
4. Write the minimum space required for a toilet.
5. State the maximum coverage for Group A type of buildings.

(5×2 = 10)

**PART — B**

(Maximum marks : 20)

II Draw the interior layout plan and elevation of a bed room of size 4.0 m × 4.5m.

20

**PART — C**

(Maximum marks : 70)

III Design a canteen for a college with following requirements :

(i) Cash counter space	—	2.25 M <sup>2</sup>
(ii) Dining space/ seating area for 75 students	—	100 M <sup>2</sup>
(iii) Staff dining area	—	30M <sup>2</sup>
(iv) Wash area	—	3 M <sup>2</sup>
(v) Kitchen	—	15 M <sup>2</sup>
(vi) Store	—	7.5 M <sup>2</sup>
(vii) Work area	—	4.5 M <sup>2</sup>
(viii) Dish wash area	—	2 M <sup>2</sup>
(ix) Pot wash area	—	2 M <sup>2</sup>

Plan	1 : 100	35
Elevation	1 : 100	15
Section	1 : 100	20