

FIFTH SEMESTER DIPLOMA EXAMINATION IN ARCHITECTURE - OCTOBER 2013

ARCHITECTURAL DRAWING – III

Maximum Marks : 100

Time : 4 Hrs

- Note: (1) Drawing shall be neat and fully dimensioned
(2) Missing data can be suitably assumed.
(3) Two A2 size tracing sheets and two butter sheets are to be supplied

PART-A

[Maximum marks: 10]

- I. Answer the following questions in one or two sentences. Marks
- 1 As per the KBR what is the definition of carpet Area.
 - 2 What is the minimum setbacks required for a building less than 10m in height.
 - 3 Write the minimum size of bathrooms
 - 4 Write the minimum requirements of a fire escape stair.
 - 5 Define balcony as per K.B.R. [5x2 =10]

PART - B

[maximum marks : 20]

- II Draw the plan and Elevation of an interior layout of a living room of size 4x3.5m [20]

PART - C

[maximum marks : 70]

- III Design a primary school with the following requirements

1	Class room	10 Nos (6x6m ² each)
2	Lobby, waiting area, information desk	(area suitably assumed)
3	Head master's room	9m ²
4	Office	10m ²
5	Staff room for 12 teachers	30m ²
6	Attached toilet for staff	5m ²
7	Toilets for boys and girls	8 Nos each
8	Wash area	
9	Library	36m ²
10	Students store room	20m ²
11	Computer room	36m ²
12	Indoor play area (Carroms, Chess etc.)	20m ²

Site measures 45m X 65m with an abutting road of 9m width on eastern side of shorter side of the site.

Drawing shall include

Plan showing furniture layout 1:100	—	25 marks
Elevation	1:100	— 10 marks
Section	1:100	— 20 marks
Site plan	1:200	— 15 marks