

Maharashtra Institute of Technology, Aurangabad

(An Autonomous Institute)

END SEMESTER EXAMINATION

Second Year B.Tech (Civil Engineering) – Feb/Mar-2023

Course Code : CED203

Course Name : Building Planning & Design

Duration : 2 Hrs

Max. Marks : 50

Date : 08 FEB 2023

Instructions :

- i) All questions are compulsory
 ii) Assume suitable data wherever necessary and clearly state it
 iii) Figures to right indicate full marks

Q. 1	Answer any five(Marks:10)	Marks	CO	BL	PI
a)	Define: i) Pointing, ii) Plastering	2	1	2	1.1.1
b)	State any two uses of Gypsum in building construction.	2	1	2	1.1.1
c)	Enlist any two types of stone masonry.	2	1	2	1.1.1
d)	Define Brick masonry.	2	1	2	1.1.1
e)	Define floor area ratio.	2	1	2	1.1.2
f)	Define: i) Grouping, ii) Roominess	2	1	2	1.1.2
g)	Define: i) Building Line, ii) Control Line	2	1	2	1.1.2
h)	What is two point perspective?	2	1	2	1.1.2
Q.2	Explain the surface finishing building materials in detail.	8	2	4	2.1.1
Q.3	Explain doors and windows with its types and suitability in detail with example.	8	2	4	2.1.2
Q.4	Analyze the types and use of varnishes.	8	3	4	3.1.1
Q.5	Draw a one-point perspective for a single room of size 4m x 5m and write the detailed procedure.	16	4	5	3.1.2
	OR				
	Draw the developed plan, elevation, section, site plan, and write the schedule of opening and construction notes with specification of single story frame structure (1-BHK) with staircase as per building bye-laws.				