

## End Semester Examination (2021-22)-Odd Semester

### BID – I Year –I (Sem)

**Course Name: Materials and Construction Techniques-I**

**Code: BAR1009**

**Time: 03 Hours**

**Max Marks: 60**

University Roll No.

(To be filled by the Student)

**Note: Please read instructions carefully:**

- The question paper has 03 sections and it is compulsory to attempt all sections.
- All questions of Section A are compulsory; questions in Section B and C contain choice.

<b>Section A: Very Short Answer type Questions</b>		<b>BL</b>	<b>CLO</b>	<b>Marks</b>
<b>Attempt all the questions.</b>				<b>(10)</b>
1.	Discuss the importance of foundation in any building.	BL2	CLO1	02
2.	Differentiate between P.C.C. and R.C.C.	BL4	CLO1	02
3.	Differentiate between mud and clay.	BL4	CLO3	02
4.	List down the materials that are made by using clay.	BL1	CLO2	02
5.	Discuss the types of load bearing structures.	BL2	CLO1	02
<b>Section B: Short Answer Type Questions</b>		<b>BL</b>	<b>CLO</b>	<b>Marks</b>
<b>Attempt any 04 out of 05 questions.</b>				<b>(20)</b>
1.	With the help of diagram show the components of substructure and superstructure.	BL4	CLO1	05
2.	Explain the types of foundation.	BL2	CLO1	05
3.	List down the properties of wooden tiles.	BL1	CLO3	05
4.	Examine the features of vernacular materials in interior design. Explain with suitable example.	BL3	CLO2	05
5.	Classify the types of tiles.	BL1	CLO3	05
<b>Section C: Long Answer Type Questions/Case Study</b>		<b>BL</b>	<b>CLO</b>	<b>Marks</b>
<b>Attempt any 03 out of 04 questions.</b>				<b>(30)</b>
1.	Discuss the types of roof with help of neat sketches.	BL2	CLO4	10
2.	What are the precautions to be taken for using wooden tiles? Explain the laying of wooden tiles.	BL2	CLO3	10
3.	Analyze the materials that were used earlier as well as in the modern era for the construction.	BL4	CLO4	10
4.	With the help of neat sketch explain any one type of foundation.	BL1	CLO1	10