10





(20 Marks)

USN

## Eighth Semester B.Arch. Degree Examination, Jan./Feb. 2023 Materials and Methods in Building Construction - VIII

Time: 4 hrs. Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.			
1	a. b.		(10 Marks) (10 Marks)
2	a.		(10 Marks)
3	b. а.	Describe any five types of formworks used for construction of high-rise buildings.  Module-2  How is big data used in construction?	(10 Marks) (10 Marks)
	b.		(10 Marks)
4	a. b.	How is 3D printing of buildings done?	(10 Marks) (10 Marks)
5	a. b.		(10 Marks) (10 Marks)
6	a. b.		(10 Marks) (10 Marks)
7	a. b.	V *	s in Indian (10 Marks) (10 Marks)
8	a. b.	OR	(10 Marks)
9		Module-5 What is nano technology? What are some nano materials used in construction?	(20 Marks)
4.0		OR	

What are smart materials? Explain their use in construction with five examples.