	CBCS SCHEME	
USN	Bangalore *	18ARC33
	Third Semester B.Arch. Degree Examination, Feb./Mar. 20	022
	Climatology	
Time	3 hrs. Max.	Marks:100
Ν	ote: 1. Answer any FIVE full questions, choosing ONE full question from each 2. Draw neat sketches wherever necessary. <u>Module-1</u>	
1	What are the elements that constitute climate? Briefly explain the tools and u their measurement.	inits used fo (20 Marks
2 a. b.		(10 Marks (10 Marks
3	<u>Module-2</u> Explain thermal exchange between a building with the outdoor environment.	(20 Marks
4	OR Explain the application of sun path diagram in design of building orientation devices.	and shadin (20 Marks
5 a. b	K value	
c d		(20 Marks
6	What is "Passive Cooling" in buildings? <u>Module-4</u>	(20 Marks
7 a b	Cross ventilation.	(20 Mark
8		(20 Marks
a b	Module-5	
a	Write notes on :	(05 Marks
a	Glare control	
a b 9 a	Glare control Daylight factor and its components. OR	(10 Marks
a b 9 a b	Glare control Daylight factor and its components.	(05 Marks (10 Marks n "Warm and (20 Marks