## CBCS SCHEME

USN			15ARC33
Third Semester B.Arch. Degree Examination, Aug./Sept.2020			
Climatology			
Tir	ne: 3 hrs.		Max. Marks:100
	Note: Answer any FIVE full	questions chaosing ONE G.H.	
Note: Answer any FIVE full questions, choosing ONE full question from each module.			
1	<ul><li>a. What are the three major and</li><li>b. Describe the characteristics</li></ul>	MODULE - 1 d three minor climatic groups of Hot – Dry desert climate.	of the tropical regions? (06 Marks) (14 Marks)
		OR	
2		the body maintains its thermal art with an example, demonst the comfort zone.	balance. (10 Marks) strating how temperature, relative (10 Marks)
		MODULE - 2	
3	How is the sun's position dete	ermined using a solar chart?	Explain with the help of diagram. (20 Marks)
OR 4 Discuss the sketches the heat exchange processes of building with the outdoor environment.			
4	Discuss the sketches the heat	Y OY	ng with the outdoor environment. (20 Marks)
MODULE - 3			
5	Write short notes on: a. Conductivity. b. Resistivity. c. Cavity Resistance.		
	d. Insulation.	OR	(20 Marks)
6			
		MODULE - 4	(20 Marks)
7	What are Shadow angles? Desidetermine the performance of a	scribe with the help of sketch	ches, the two shadow angles that (20 Marks)
8	<ul><li>a. What are the functions of Ve</li><li>b. How do position of openings</li></ul>	OR entilation? s effect cross ventilation? Exp	(06 Marks) lain with sketches. (14 Marks)
9		MODULE - 5 ) Daylight b) Transm tric Lamps.	nission c) Reflection (20 Marks)
10	T :- 4 4 1	OR	
10	List out the design consideration	is for a warm humid climate w	with a building example. (20 Marks)