BACHELOR OF ARCHITECTURE (BARCH)

Term-End Examination

June, 2013

BAR-029 : ARCHITECTURAL SCIENCES AND SERVICES - I (CLIMATOLOGY)

Time : 3 hours			Maximum Marks	Maximum Marks : 70		
•		(i) (ii)				
1.			you understand by micro and macro How does it affect the building design?	14		
2.	Exp. (a) (b) (c) (d)	The Day Psyc	ne following terms : rmal Conductivity light factor chometric chart ctive Temperature	14		
3.	What is the heat exchange process of a building and how does it affect the comfort conditions of interiors ?			14		
1.	Discuss in detail with charts and examples the use of Mahoney's concepts in designing of buildings in tropical climates.			14		

- What do you understand by evaporative 14 cooling? Discuss in detail.
- 6. What are the various type of shading devices used 14 in a building?
- Define orientation, ventilation and cross 14
 ventilation of buildings. Discuss the effect of air
 movement around the buildings.