

- Q - 3 (a) List out main 3 criteria of GRIHA rating system and explain in brief all the 3 criteria. [10]
- Q - 3 (b) List all climatic zones of India and explain in detail with Design factors, Weather condition with example. [10]
- Q - 4 Attempt any one, [5]
- Tropical climate and humidity
 - Definition of Conduction and convection in detail

SECTION II

- Q - 1 MCQ/Short Question/Fill in the Blanks [10]
- (i) High height ceiling is used in type of climate
- (ii) Temperature measures in
- (iii) What is the wind direction of Southern part of India?
A] N-E B] S-W C] S-E D] N-W
- (iv) Precipitation measures in
- (v) Wind measures in
- Q - 2 Explain the form and planning of Hot and Dry climate buildings [10]
- OR
- Q - 2 Explain the form and planning of Humid and Warm climate buildings [10]
- Q - 3 (a) Explain the heat exchange process in buildings [10]
- Q - 3 (b) Short note on (i) Effective temperature (ii) Sun path diagram Sunpath diagram with chart and in detail [10]
- Q - 4 Attempt any one [10]
- Explain Thermal quantities in detail
 - Explain the role of heat and temperature in Thermal quantities
