



Seat No. _____

HAM-1901390201050500
B. A. (ID) (Sem. V) Examination
June - 2023
English

Time : 2 Hours / Total Marks : 50

- Instructions :** (1) All questions are compulsory.
(2) Any ambiguity will be considered as a wrong answer.

1 Match the following : (to the closest appropriate) 10

1	Trapping of Heat/minimizing heat loss is required.	A.	Hot and Dry Climate
2	Jhalis and Domes are seen in which climatic condition ?	B.	Monsoon
3	Houses are seen on stilts / high Plinths.	C.	Hot and Humid
4.	Courtyards and large openings are a major part of this climate	D.	Cold climate
5.	Amsterdam has what type of climate?	E.	Cold and Humind

2 True Or False : 10

- (a) One should not provide maximum shading of direct and reflected sun radiation in the hot season.
- (b) Courtyards and Verandahs are seen in Kerala / South India.
- (c) Smaller the openings, Cooler is the wind flow.

- (d) North Side of a house should be shaded with vertical louvers.
- (e) Streets are narrower in Hot and Dry climatic conditions.
- (f) Building, in Monsoon climatic condition does not have a sloping roof.
- (g) Houses in Cold climate are largely made up of concrete blocks.
- (h) Decrease air circulation / ventilation in Humid / Mediterranean regions.
- (i) Solar Azimuth angle defines in which direction the sun is, where as the solar zenith angle or its complementary angle solar elevation defines how high the sun is.
- (j) 'Jhali' is an important element seen in Hot and Dry climatic regions.

- 3** Attempt the following in detail : (With **Sketches**) **15**
- (a) Explain Sun-Path Diagram with Illustrations. **5**
 - (b) Define topography. Give any two use of topography in designing building. Give uses of water body as landscape elements. **5**
 - (c) Explain the climatic characteristics of the region and (in-detail) design response by the following architect (in their work). **5**
 (1) Hassan Fathy **OR** (2) Geoffrey Bawa
- 4** State architectural / Interior characteristics of the following climatic regions and explain with neat sketches. (Any **Two**) **15**
- (1) Hot and dry
 - (2) Hot and Humid
 - (3) Cold and Humid
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