

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI  
(MID SEMESTER EXAMINATION SP/2025)**

**CLASS: B.ARCH.  
BRANCH: ARCHITECTURE AND PLANNING**

**SEMESTER : VI  
SESSION : SP/2025**

**SUBJECT: AR352 VERNACULAR ARCHITECTURE**

**TIME: 02 Hours**

**FULL MARKS: 25**

**INSTRUCTIONS:**

1. The question paper contains 5 questions each of 5 marks and total 25 marks.
  2. Attempt all questions.
  3. The missing data, if any, may be assumed suitably.
  4. Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates
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1.(a)	Differentiate between 'Vernacular Architecture' and 'Contemporary Architecture'.	2	CO CO1	BL Compare, Infer
1.(b)	Analyze with example and sketches - how does 'Culture' influence the vernacular architecture of a region?	3	CO1	Analyze
2a)	Evaluate the characteristics of 'Mud' as a basic building material in traditional architecture.	2	CO1, CO2	Evaluate
2.(b)	Analyze the features of the Cold-cloudy climatic zone in India and describe the physical manifestations in the context of indigenous architecture with sketches wherever required.	3	CO3	Analyze
3. (a)	Appraise the climate responsive design concepts and strategies for Warm-humid climate.	2	CO2, CO3	Apply, Synthesize
3. (b)	Comment on the Sociology and Planning of a Muslim House in Gujarat.	3	CO2, CO3	Analyze
4. (a)	Enumerate the climate responsive design concepts in rural Rajasthan in the context of passive architectural design strategies with example.	2	CO3	Interpret, Synthesize
4. (b)	Justify the socio-cultural, geographical and climatic parameters guiding the traditional architecture of Rajasthan.	3	CO2, CO3	Compare, Synthesize
5.	Elaborate some Contemporary Examples which follow certain vernacular trends prevalent in Gujarat and Rajasthan.	5	CO3, CO4	Evaluate

:27/02/2025:E