

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)**

CLASS: B. ARCH
BRANCH: Architecture and Planning

SEMESTER : VI
SESSION : SP/2025

SUBJECT: AR352 VERNACULAR ARCHITECTURE

TIME: 3 Hours

FULL MARKS: 50

INSTRUCTIONS:

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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			CO	BL
Q.1(a)	How do the factor of Geography and Materials contribute to shaping the vernacular architecture of a region? Discuss with examples.	[5]	CO1	Understand
Q.1(b)	Evaluate the importance of Vernacular architecture in modern context with some examples.	[5]	CO2, CO5	Interpret
Q.2(a)	Identify the architectural features of the Haveli layout of the Marwari community in Rajasthan in response to their socio-economic and cultural background.	[5]	CO2, CO3	Analyse
Q.2(b)	Critique the courtyards in Havelis of Rajasthan and their influence on the socio-cultural role of the community in the region.	[5]	CO2, CO3	Evaluate
Q.3(a)	Identify the unique features of a typical house in eastern part of India.	[5]	CO2, CO3	Evaluate
Q.3(b)	Appraise the following with respect to social, geographical, economic, cultural and local climatic conditions for any Tribal community of Jharkhand: <ul style="list-style-type: none">• Housing layout• Usage of material and technology• Built spaces (social and functional)• Architectural features	[5]	CO2, CO3	Evaluate
Q.4(a)	Specify the Passive solar design features prevalent in Himachal.	[5]	CO4, CO5	Analyse
Q.4(b)	Assess the earthquake resistant features incorporated in the Northern India with examples and neat sketches.	[5]	CO3, CO4	Evaluate
Q.5(a)	Appraise the vernacular architectural elements of the settlement of Maraikal which highlight the positive influence of the built form.	[5]	CO3, CO4	Apply
Q.5(b)	Elaborate some contemporary examples which follow traditional features and techniques in the Southern India.	[5]	CO3, CO4	Evaluate