

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

CLASS: B.ARCH
BRANCH: ARCHITECTURE

SEMESTER : VI
SESSION : SP/2023

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.
 6. Explain with sketches , wherever required.
-

		CO	BL
Q.1(a)	Explain the term “Vernacular Architecture”. As per Amos Rapoport what are the various factors affecting vernacular architecture. Explain.	[6] 1,3	BL1
Q.1(b)	Discuss the impact of climate on the local architecture with examples from different states of India	[4] 2	BL2
Q.2(a)	Compare the settlement Pattern and Vernacular Architecture of North Gujarat , South Gujarat and Saurashtra region. Support with suitable sketches.	[5] 2,3	BL2
Q.2(b)	Discuss the characteristics of Haveli architecture and its various typologies. Support with suitable examples.	[5] 2,3	BL2
Q.3(a)	Outline the Social structure of Khasi tribe and their traditional planning and construction techniques.	[5] 2,3,4	BL1
Q.3(b)	Discuss the origin and evolution of roof profile in Bengali vernacular Architecture. Support with sketches.	[5] 3,5	BL2
Q.4(a)	What are the major factors affecting local architecture in the states of Jammu and Kashmir and Himachal Pradesh? How are these addressed in terms of materials and construction techniques?	[4] 2,4	BL2
Q.4(b)	Enumerate the differences between <i>Taq</i> , <i>Kath-Kuni</i> and <i>Dhajji Dewari</i> constructions.	[6] 4,5	BL2
Q.5(a)	Discuss the climate responsive features of Nalukettu houses.	[3] 2	BL2
Q.5(b)	Illustrate the Vernacular architecture of Ullihatu Village in Khunti District. Explain the various factors affecting its local architecture and construction technique.	[7] 3,4,5	BL3

::::::27/04/2023::::::M