

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

**CLASS: BARCH  
BRANCH: ARCHITECTURE**

**SEMESTER: VI  
SESSION : SP/2019**

**SUBJECT : AR6405 VERNACULAR ARCHITECTURE**

**TIME: 1.5 HOURS**

**FULL MARKS: 25**

**INSTRUCTIONS:**

1. The total marks of the questions are 30.
  2. Candidates may attempt for all 30 marks.
  3. In those cases where the marks obtained exceed 25 marks, the excess will be ignored.
  4. Before attempting the question paper, be sure that you have got the correct question paper.
  5. The missing data, if any, may be assumed suitably.
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- Q1 Identify and explain the factors which shape the local architecture and how they contribute in shaping the vernacular architecture of India [5]
- Q2 (a) State advantages and disadvantages of mud construction. [2.5]  
(b) Identify different climatic zone in India and describe the characteristics of any one. [2.5]
- Q3 (a) Explain the Building system and planning of the Roopsi House in Rajasthan. [2.5]  
(b) Provide architectural **features** and details for Merchant Haveli with the help of neat labeled sketches. [2.5]
- Q4 (a) Characterize the features of a typical Khadkis. [2.5]  
(b) Identify the different kinds of Muslim houses in Gujarat. [2.5]
- Q5 Critique the characteristics of the contemporary example of Jawahar Kala Kendra, Jaipur as a successful example of application of vernacular techniques. [5]
- Q6 (a) Name one of the architects in India who have carried forward the vernacular technologies, culture and art with the help of an example. [2.5]  
(b) What is the construction and details of Woodwork generally used in entire Gujrat region, describe briefly? [2.5]

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