

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

CLASS: BARCH
BRANCH: ARCH

SEMESTER : II
SESSION : SP/19

SUBJECT: AR152 HISTORY OF ARCHITECTURE- WESTERN

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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- Q.1(a) What do you understand by the term Ziggurat? Mark it's parts and explain with sketch about an important ziggurat during Mesopotamian Civilization. [5]
- Q.1(b) Explain in detail about the planning of Ur and Babylon, Mesopotamian Civilization. [5]
- Q.2(a) Elaborate through sketches about the architectural features of the Parthenon, Greece. [5]
- Q.2(b) Elucidate with sketches about the architectural details of Temple of Karnak, Egypt. [5]
- Q.3(a) "Monumental Architecture of Egypt has a distinct character". Briefly mention all the salient features with help of an example of a Pyramid and an Egyptian Building. [5]
- Q.3(b) Illustrate with sketches about the architectural, structural details of Thermae of Caracalla. What do you understand by Archivolts? [5]
- Q.4(a) Mention and illustrate with sketches about differences between Doric and Corinthian Order during Classical Greek Period. What do you understand by "Entasis"? [5]
- Q.4(b) Explain the architectural significance of the Pantheon, Rome. Comment upon Roman period mastery over building materials and construction techniques. [5]
- Q.5(a) Elucidate upon any one building by Brunelleschi during Italian Renaissance. What structural system was adopted in the construction of the dome of Florence Cathedral? [5]
- Q.5(b) Explain and illustrate with sketches about the outstanding features of the Notre Dame, Paris? What is a Rose Window? Why was it used? [5]

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