

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

CLASS: BARCH
BRANCH: ARCHITECTURE

SEMESTER : II
SESSION :SP/2022

SUBJECT: AR152-HISTORY OF WESTERN 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. 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 **Ziggurats**? With neat sketch mark the parts of **Great Ziggurat at Ur**? [5]
(CO2,CO4, PO1) (To analyze)
- Q.1(b) Explain in detail about the planning of the city **Babylon**? Sketch the **Nebuchadnezzar's Palace, Babylon**. (CO2, CO3. PO1) (To evaluate, analyze) [5]
- Q.2(a) Explain the salient architectural features of **Palace of Xerxes, Persepolis**. (CO2,CO4, PO1) (To analyze) [5]
- Q.2(b) With neat sketches mark the parts of a **Pyramid**? What is the difference between **Mortuary Temple and Cult Temple**? (CO1,CO2, PO1, PO3) (To analyze, to gain knowledge) [5]
- Q.3(a) What do you understand by '**Minoan Culture**'? Explain the architectural features of **Palace of Minos**. [5]
(CO1, CO2, CO3, PO1) (To evaluate, analyze)
- Q.3(b) Explain the planning of **Athens**, also locating some landmarks within the city. Discuss how did the planning of Athens vary from the city of **Prienne**? (CO1,CO2, PO1, PO3) (To analyze, to gain knowledge) [5]
- Q.4(a) Explain the salient architectural features of **Basilica of Trajan, Rome**. (CO2,CO4, PO1) (To analyze) [5]
- Q.4(b) Write down the important architectural features of **St.Hagia Sophia at Constantinople**. (CO2, CO3. PO1) (To evaluate, analyze) [5]
- Q.5(a) Describe with neat sketches the evolution of **Gothic vaulting**. (CO1, CO4, PO1,PO4) (To analyze, to gain knowledge) [5]
- Q.5(b) Explain the evolution of the design concept of **St. Peter, Rome** and explain its architectural greatness. (CO2,CO4, PO1) (To analyze) [5]

:::::19/07/2022:::::