

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

**CLASS: B.ARCH
BRANCH: ARCHITECTURE**

**SEMESTER : 2nd
SESSION : SP/2025**

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 Ziggurats? With a neat sketch, mark and explain the parts of the Great Ziggurat at Ur.	[5] (C01, C02, C03)
Q.1(b)	"Monumental Architecture of Egypt has a distinct character". Briefly mention the salient features with the help of an example of a Pyramid (e.g., Giza) and an Egyptian Temple (e.g., Karnak or Luxor).	[5] (C01, C02, C04)
Q.2(a)	Discuss the Town Planning aspects of Akheteten (Amarna), Egypt. What were its key planning features?	[5] (C01, C03, C04)
Q.2(b)	What do you understand by 'Minoan Culture'? Explain the salient architectural features of the Palace of Minos with sketches.	[5] (C01, C02, C04)
Q.3(a)	Sketch the site plan of the Acropolis, Greece, marking its major structures. Explain in detail the salient architectural features of the Parthenon.	[5] (C01, C02, C03)
Q.3(b)	Comment upon the mastery over building materials and construction techniques during the Roman period, focusing on innovations like concrete and the arch/vault system. Give examples.	[5] (C01, C04, C05)
Q.4(a)	Provide proper sketches (Plan/Section) and elaborate upon the salient architectural and structural features of the Pantheon, Rome.	[5] (C01, C02, C04)
Q.4(b)	Write down the important architectural features of St. Hagia Sophia at Constantinople. Explain its structural system, focusing on the dome and pendentives.	[5] (C01, C03, C05)
Q.5(a)	Describe with neat sketches the evolution of Planning of St. Peter's Basilica Rome, Discuss various architectural features of the building in context of Mannerism.	[5] (C01, C02, C04)
Q.5(b)	With proper sketches, explain the salient architectural features of the Palace of Versailles, France, highlighting its Baroque characteristics.	[5] (C01, C03, C05)

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