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Question Paper Code : 37012

B.Arch. DEGREE EXAMINATION, JANUARY 2014.

First Semester

AR 6101 — HISTORY OF ARCHITECTURE AND CULTURE – I

(Regulation 2013)

Time : Three hours

Maximum : 100 marks

Use sketches wherever necessary.

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Brief the residential architectural character in the Neolithic period.
2. Write a short note on 'Megaliths'.
3. Give a brief description about Tomb architecture of Egypt.
4. What is unique about Temple of Abu Simbel? Illustrate.
5. Briefly explain the architectural character followed in the early Mesopotamian period.
6. What are the features of Hanging garden of Babylon?
7. Mention the special characteristic features of Hellenic period architecture.
8. Bring out any two differences between Doric order and Corinthian order of classical Greek.
9. "Forum of Rome was similar to the agora of Greek". Compare.
10. Write a short note on aque-ducts of classical Rome.

PART B — (5 × 16 = 80 marks)

11. (a) Explain how culture and civilization were influenced by the agricultural development, and also describe stages in the human settlements of Prehistoric period, tools and Implements.

Or

- (b) The evolution of (shelter) residential buildings was remarkable during the prehistoric period. Explain with the help of neat sketches.
12. (a) "Life after death" was a strong philosophy in ancient Egypt. Substantiate the statement citing Great pyramid of Cheops GIZEH as an example.

Or

- (b) Explain the types of Egyptian temples and elaborate on the temple of Ammon Ra Karnak.
13. (a) "The palace of persepolis" portrays Persian architecture to its glory. Elaborate.

Or

- (b) Explain the architectural details of the Ziggurat of ur, urnamu.
14. (a) "The Parthenon is the best example in classical Greek temple architecture of the practice of optical refinement". Explain with the help of neat sketches.

Or

- (b) Explain the urban growth in classical Greece, bringing out aspects of public space. Explain Agora in this context.
15. (a) Give a brief account of the proportioning system followed in classical Roman architecture. Explain Tuscan order and Composite order in detail.

Or

- (b) Colosseum was designed as the first permanent amphitheater in the Roman capital. Enumerate the features which made it remarkable.

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Question Paper Code : 57041

B.Arch DEGREE EXAMINATION, MAY/JUNE 2016

First Semester

AR 6101 – HISTORY OF ARCHITECTURE AND CULTURE – I

(Regulations 2013)

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

PART – A (10 × 2 = 20 Marks)

1. Outline any four salient features of a paleolithic shelter.
2. Write a note on the megaliths.
3. Discuss the socio-political conditions of Egyptian civilization which influenced its architecture.
4. Sketch a mastaba with its features.
5. What were the important building materials used in the architecture of the Mesopotamia ?
6. Outline any four characteristic features of Persian architecture.
7. Outline the generic characteristics of a Greek city planning.
8. Sketch the Doric Order.
9. Write a note on the Roman Arches.
10. Sketch the Composite Order.

PART – B (5 × 16 = 80 Marks)

11. (a) Discuss in detail the building materials and constructions systems used and the spatial characteristics of the settlements that transitioned to agriculture in the Neolithic period. .

OR

- (b) Discuss in detail the richness of art forms and the evolution of shelter during the Neolithic age.

12. (a) Discuss in detail the evolution of the Pyramids from the Mastaba substantiating with sketches.

OR

- (b) Discuss the architectural characteristic of the Temple of Ammon Ra at Karnak.

13. (a) Discuss in detail the characteristic and style of the Mesopotamian architecture.

OR

- (b) With the help of sketches, detail the characteristic architectural features of the Palace of Persepolis at Khorsabad.

14. (a) Greek architecture is often describe as ‘Carpentry in Marble’ – justify this statement with appropriate sketches.

OR

- (b) Discuss in detail the various optical illusions used in Greek Architecture with relevant sketches.

15. (a) Discuss the spatial specifics of the Collosseum at Rome. Outline the building materials and techniques used in its construction.

OR

- (b) Discuss the Architectural features of the Thermae at Caracalla.

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Question Paper Code : 71384

B.Arch. DEGREE EXAMINATION, APRIL/MAY 2017.

First Semester

AR 6101 — HISTORY OF ARCHITECTURE AND CULTURE – I

(Regulations 2013)

Time : Three hours

Maximum : 100 marks

(Illustrate with neat sketches wherever necessary)

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Give an account of the cave art of the Old Stone Age.
2. What was the impact of the Agricultural revolution on architecture?
3. What are Mastabas? Give examples.
4. What is an Egyptian pylon?
5. What is a ziggurat?
6. What is a hypostyle hall? Give one example in Persian architecture.
7. What was the basis/inspiration for the Classical Greek temple plan?
8. Give an example each for a Minoan and Mycenaean palace in early Greek architecture.
9. What were the important achievements of the Roman builders?
10. Write the multi uses of Roman Baths.

PART B — (5 × 16 = 80 marks)

11. (a) Trace the evolution of shelter during the Neolithic period.

Or

- (b) Give a detailed account of the architecture of the Temple of Amun Ra at Karnak.

12. (a) The strong religious and funerary beliefs of the Egyptians was responsible for the colossal tombs built during their period — Substantiate.

Or

- (b) Give an account of the rock-cut temple architecture in Egypt with one example.
13. (a) Trace the evolution of ziggurats in Mesopotamia with examples.

Or

- (b) Outline the character of ancient Persian architecture with the Palace of Persepolis as an example.
14. (a) What is an “Order”? Explain the Orders developed by the Greeks with sketches.

Or

- (b) “Greek temples are referred to as carpentry in marble” – Substantiate with a suitable example.
15. (a) Discuss the architectural character of the Pantheon at Rome with necessary sketches.

Or

- (b) Give an account of the building materials used and the construction techniques developed by the ancient Romans.
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Question Paper Code : 77011

B.Arch. DEGREE EXAMINATION, APRIL/MAY 2015.

First Semester

AR 6101 — HISTORY OF ARCHITECTURE AND CULTURE – I

(Regulation 2013)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Write notes on bee-hive shelter.
2. State two difference between Paleolithic and Neolithic settlement.
3. How Egyptian temples are classified?
4. Sketch the section of 'Mastaba'.
5. State the reasons for the evolution of 'Ziggurat'.
6. Name two surface finishes of Sumerian building.
7. Explain the term 'Stoa'.
8. Write a brief note on 'Agova'.
9. Name the Forums of ancient Rome.
10. Name the classic orders evolved by Romans.

PART B — (5 × 16 = 80 marks)

11. (a) Trace the evidence which establish culture and civilization of Pre historic age.

Or

- (b) Discuss the impact of agriculture revolution over the development of settlement pattern of Neolithic society.

12. (a) (i) Draw the plan of temple of Ammon and explain the salient features of its planning developed over a period of time by several rulers. (8)
- (ii) Highlight lighting system and decorations incorporated in the temple. (8)

Or

- (b) Describe how various chambers are planned at different levels in pyramid of Cheops through a cross section and explain the construction methods adopted for king's chamber and grand gallery.
13. (a) Illustrate through appropriate sketches, the salient features of palace of Sargon and elaborate on the vertical surface details rendered to entrance tower, temple court, and parapet.

Or

- (b) Highlight planning and construction of palaces of Persepolis by various rulers and discuss the architectural features of two of its halls within the palaces.
14. (a) 'Greek achieved perfection in optical correction' in — Parthenon. Explain the above statement with reference to four details with suitable sketches.

Or

- (b) Analyze in detail and compare between Doric and Ionic orders.
15. (a) (i) Highlight the evolution of Roman vaulting system (8)
- (ii) Explain with sketches various types of Roman walls developed with 'Opus Caementicum' (Roman concrete) as core. (8)

Or

- (b) Explain planning and architectural details of Colosseum, Rome with sketches and describe the skillful combination of materials applied for various structural components of colosseum.

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Question Paper Code : 80065

B.Arch. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2016.

First Semester

AR 6101 — HISTORY OF ARCHITECTURE AND CULTURE — I

(Regulations 2013)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Define culture of prehistoric age.
2. How does belief influence Architecture? and building type.
3. What is Tomb Architecture?
4. Explain Monumentality in Architecture.
5. How was nature instrumental in architectural developments?
6. List any four components of Egyptian temple.
7. What is Classical Period?
8. Define Domestic Architecture.
9. What is Order?
10. Give a brief account on Roman Urban Planning.

PART B — (5 × 16 = 80 marks)

11. (a) Give a detail account on Agricultural Revolution and its impact on Civilizations.

Or

- (b) Explain the Evolution of Shelter in detail.

12. (a) What are the architectural features of the —Temple of ABU simbel?
- Or
- (b) Give a detail description on the evolution of Pyramids.
13. (a) Explain the various architectural principles applied on Parthenon, Greece.
- Or
- (b) Give a detail account on the architectural features of Erechthion.
14. (a) Compare the Greek and Roman city planning principles.
- Or
- (b) Explain the architectural features of the Palace of Sargon.
15. (a) What are the various structural innovations of Roman Period?
- Or
- (b) Give a detail account - Enclosure and Manipulation of Space.
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