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Total Number of Pages: 2

B.ARCH
15AR333

2nd Semester Regular Examination 2016-17

HISTORY OF ARCHITECTURE - I

BRANCH: Architecture

Time: 3 Hours

Max Marks: 100

Q.CODE: Z585

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**Answer Part-A which is compulsory and any four from Part-B.
The figures in the right hand margin indicate marks.**

Part – A (Answer all the questions)

Q1 Answer the following questions: (2 x 10)

- a) A characteristic feature of the Egyptian temples was the _____, a large room with tall columns and _____ for lighting.
- b) Roman architecture moved away from trabeated construction to construction with _____ and _____.
- c) The town and cities of the Indus Valley Civilization had _____ layout with houses having _____ planning.
- d) _____ is a stepped pyramid tower, surmounted by a temple – a signature feature of _____ Civilizations.
- e) Entablature is the major horizontal structural element supporting the roof which consists of which three elements?
i). Architrave, Frieze, Cornice; ii). Architrave, Stylobate, Triglyph;
iii). Tympanum, Capital, Cornice; iv). Tympanum, Capital, Stylobate.
- f) _____ is a gateway in a Stupa, derived from wooden gateways of _____ villages.
- g) Three orders of architecture originated in Greece. The Romans adopted all the Greek orders and also developed two orders of their own, namely _____ and _____.
- h) The Egyptian and Mesopotamian civilizations had quite developed scripts, namely _____ and _____, respectively.
- i) Buildings of Harappa Culture had public-use characteristic, as is evident from _____ and _____.
- j) _____ is public use marketplace in Greek city-states surrounded by _____.

Q2 Answer the following questions: (In two sentences) (2 x 10)

- a) Great Bath.
- b) Chaitya and Vihara.
- c) Mastaba.
- d) Hanging Gardens.
- e) Propylaea.
- f) Hypocaust.
- g) Aqueduct.

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- h) Golden Ratio.
 - i) AshokaStambha.
 - j) Circus Maximus.
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Part – B (Answer any four questions)

- Q3** a) The settlement and settlement pattern of any city depends on various factors, namely, geography, climate, socio-political conditions, etc. Explain influence of such various factors, elucidating on any one settlement of Indus Valley Civilization. (10)
- b) Draw a neat labeled sketch of The Great Bath. (5)
- Q4** a) Compare pyramids with ziggurats mentioning the purpose of its construction, similarities and differences in building techniques, external forms, layout of spaces and material used? (10)
- b) Write a short note on the planning of Ur or Babylon. www.bputonline.com (5)
- Q5** a) Describe the architectural features and characters of the Egyptian Temples. (10)
- b) Draw a neat labeled sketch of The Great Pyramid of Cheops. (5)
- Q6** a) Explain in detail the planning, design and construction of Colosseum. (10)
- b) Write a short note on innovations in construction techniques by the Romans. <http://www.bputonline.com> (5)
- Q7** a) Explain with sketches the Greek Orders of Architecture. (10)
- b) Explain the concept of Optical Correction, used by the Greek architects. (5)
- Q8** a) Describe the layout of a Vedic village and typology of houses, with suitable sketches, wherever necessary. (10)
- b) Illustrate the Vedic village Gateway along with the wooden palisade. (5)
- Q9** a) Explain the various types of burial systems and graves, developed in the Pre-historic Era, and their associated symbolisms. (10)
- b) Draw the sketch of the Stonehenge. (5)

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