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Total Number of Pages: 2

**M.ARCH
MAR301**

**3rd Semester Regular / Back Examination 2017-18
ANALYSIS OF HISTORIC BUILDINGS AND SITES
BRANCH: M.ARCH
Time: 3 Hours
Full marks: 70
Q Code: B548**

**Answer Question No.1 which is compulsory and any five from the rest.
The figures in the right hand margin indicate marks.**

- Q1 Answer the following questions: (2 x 10)**
- a) Ionic order
 - b) Golden mean
 - c) Great bath, Mohenjo-Daro
 - d) Bend Pyramid
 - e) Buddhist *Chaitya Halls*
 - f) Architecture in India under the Colonial Rule
 - g) *Navrath Deul*
 - h) Traditional Nyishi houses, Arunachal Pradesh
 - i) Jagamohan of Odishan Temple
 - j) *Vajra Mundi*
- Q2 a) Narrate important aspects of Vedic houses, their origin and stages of development. (5)**
- b) Write about Indus-valley dwelling units, giving special reference to its planning principles, material of construction & its drainage system. Also discuss about the efficient form of Drainage system for the entire town. (5)**
- Q3 a) Elaborate how Islamic style got merged with indigenous architecture of India to form into indo-Islamic style in Indian sub-continent? Also give a brief description of inception of mosque architecture in India. (5)**
- b) Write about the concept of Pyramids of Egypt. Elaborate details of interior spaces of pyramid. Also describe the method of erecting pyramids. (5)**
- Q4 Write briefly about *Vaastu shastra*, its origin and its implementation in temple architecture. Analyse its scientific base and its application in present day houses. (10)**
- Q5 a) Describe various important structures of Roman architecture, highlighting their architectural features, engineering skills & materials (5)**
- b) Explain how the Greek style got tempted by both Mycenaean and Minoan cultures? Also discuss how climate of Greece influenced its architecture? (5)**

- Q6** a) What is Dravida style Temples & what are its features? Enumerate all the components of a Dravida style temple. (5)
- b) Draw the attributes of vernacular architecture in the context of *Bhunga* Houses of Kutch. Mention the housing typology, structure of houses and method of construction. (5)
- Q7** a) Discuss the influence of various religions and belief system in forming various architectural styles all over India. How the indigenous building tradition got transformed into Buddhist, Hindu, Indo-Islamic and British colonial architectural styles? (5)
- b) Enumerate features of Jaisalmer Houses. Describe their characters in terms of construction, materials and climatic aspects. (5)
- Q8** Write notes on any two of the following: (5 x 2)
- a) Jama Masjid, Delhi
- b) Genesis of Pol Houses of Ahmedabad
- c) Town planning of Lothal
- d) *Kailasa-nath* Temple at Ellora