

B.Tech. Civil (Construction Management)

Term-End Examination

December, 2012

ET-521(B) : BUILDING ARCHITECTURE

Time : 3 hours

Maximum Marks : 70

*Note : This question paper consists of two parts. Attempt **any two** from **Part 'A'** and **any three** questions from **Part 'B'**. Explain answers with the help of neat sketches.*

PART- A

1. (a) Discuss the principles used in design with examples. **2x7=14**
(b) What are the different types of built environment ?

2. (a) What are the climate modulating devices in a building ? **2x7=14**
(b) Discuss the determining factors for the classification of climatic zones in India.

3. Write short notes on **any four** of the following :
(a) Cavity Wall **4x3½ = 14**
(b) Difference between "arch" and "vault"
(c) Renaissance Period in Architecture
(d) Pyramids of Egypt
(e) Gully Trap

PART - B

4. Discuss the basic characteristic features of Romanesque style with suitable examples. 14
5. (a) Elaborate the different types of tender. $2 \times 7 = 14$
(b) What is an architect's role in designing a building?
6. Discuss the important parts and different materials used for doors and windows in a building. 14
7. (a) "Architecture is the mother of all art".
Elaborate. $2 \times 7 = 14$
(b) Indus valley civilization is famous for its town planning and drainage system.
Discuss.
8. What are the various building services required in designing a building, classify and elaborate any two? 14
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