B.Tech. Civil (Construction Management)
Term-End Examination
June, 2012
ET-521(B) : BUILDING ARCHITECTURE

01645

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 your answers with the help of neat sketches.*

PART-A

1.   (a)   Illustrate the relationship between form and function.   **2x7=14**

    (b)   Explain different visual elements of design.

2.   (a)   Enumerate important considerations in house drainage design.   **2x7=14**

    (b)   Enumerate various fitments used in a building electrical system.

3.   Write short notes on the following (*any four*) :

    (a)   Elements of Climate   **4x3½ = 14**

    (b)   Septic Tank

    (c)   Indo Islamic Architecture

    (d)   Raft Foundation

    (e)   Chaitya Halls

PART-B

4. (a) How does computer help in architectural work ?   2x7=14

    (b) What is professional code of conduct ?

5. Illustrate with sketches, different types of stairs   **14**
    in a building.

6. Describe the main stages in development of design   **14**
    by an architect.

7. Describe with appropriate sketches the temple   **14**
    architecture in Orrisa. Elaborate on any one
    temple.

8. Classify and explain various kinds of foundations   **14**
    in a building with the help of suitable diagrams
    and sketches.

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