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# SATHYABAMA UNIVERSITY

(Established under section 3 of UGC Act, 1956)

Course & Branch: B.Arch

Title of the Paper: Theory of Architecture – I

Max. Marks: 80

Sub. Code: 621103(2008)

Time: 3 Hours

Date: 07/12/2010

Session: FN

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PART - A

(8 X 4 = 32)

Answer ALL the Questions

1. Define Architecture. Explain how the meaning has undergone changes over a period, with human civilization.
2. Give a brief note on Architectural design process.
3. Highlight the visual and emotional qualities of space through sketches.
4. Explain space within space.
5. Define scale in Architecture. What are its types and uses in design?
6. What is a Golden section?
7. Explain briefly any 2 colour schemes.
8. Differentiate between warm colours and cool colours.

PART – B  
Answer All the Questions

(4 x 12 = 48)

9. “Architecture exists only if there is a purpose or need behind its creation”-Substantiate the statement.  
(or)
10. Explain through the analysis of a building how its architecture has been influenced by various factors.
11. Explain the relationship between mass and space in architecture. Illustrate with proper examples.  
(or)
12. Explain the significance of openings in planes. Discuss the various types.
13. Explain the Renaissance theories of proportion in detail.  
(or)
14. Explain the MODULAR system of proportions with built examples.
15. What is the importance of Symmetry in Architectural design and what is its relevance today?  
(or)
16. Distinguish Rhythm and Balance. Highlight the visual and emotional effects of rhythm and its use in Architectural design.