

(2)

Ex/ARCH/T/213/3/2010

4. a) Mention what Vitruvius, Leon Battista Alberti, John Ruskin and Le Corbusier said about 'beauty' while they defined architecture. 6
- b) Define 'Scale' in terms of architectural drawings. 3
- c) Describe 'Golden Section' and mention how it is related to architecture. 3
- d) Define 'Fibonacci Series'. 3
- e) Write note on 'proportion' in architecture. 5
5. a) Describe 'Form' in architecture with examples. 10
- b) Write note on 'axes', 'focal point' and 'direction' in architecture and visual field. 3
- c) Describe the classification of various buildings according to their functional utility. 7
6. a) Describe the visual field which our eyes can see up to. 6
- b) Explain how composition with solid and void can create good architecture. 6
- c) Explain how you can beautify a facade. 8
7. a) Mention the impact of Colour on human beings and that on architecture. 10
- b) Describe the accepted association of various hues. 10

BACHELOR OF ARCHITECTURE ENGG. EXAMINATION, 2010

(2nd Year, 1st Semester)

THEORY OF ARCHITECTURE – I

Time : Three hours

Full Marks : 100

Answer any **five** questions with sketches.

1. a) Define 'Theory of Architecture'. 4
- b) Define 'Architecture'. 6
- c) What is 'Architectural space'? 10
- Explain how 'Space' is protagonist in architecture.
2. a) According to which points the architecture of Greek temples has been classified? 4
- Explain with examples. 4
- b) Giving examples from important public architecture, explain the most important aspects of Roman architecture. 5
- c) Make of Comparison between Greek and Roman architectural styles. 5
- d) Describe the architectural features of 'Pantheon' in Rome. 6
3. Describe various methods and tools by which 'Space' and 'architecture' can be represented. 20

[TURN OVER]

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