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Second Semester B.Arch. Degree Examination, June/July 2014
History of Architecture – I

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions.

- 1 a. Sketch and explain the Ionic capital and its development. (08 Marks)
b. Highlight the various optical corrections used in Greek architecture. (12 Marks)

- 2 a. Explain the layout and functions of various parts of Greek theatre at Epidaurus, with sketches. (14 Marks)
b. Sketch and write a note on : (06 Marks)
(i) Superimposition of columns and (ii) Pro-Naos in Greek temples.

- 3 a. Explain the two types of vaults used by Romans. (05 Marks)
b. Elaborate the planning and layout of a Roman basilica with sketches. (15 Marks)

- 4 a. Draw the section of the dome of Pantheon Rome and explain its structural and design aspects. (08 Marks)
b. Explain the design aspects of a Roman Triumphal arch with sketches. (12 Marks)

- 5 a. Illustrate and highlight the functions of various parts of an early Christian church. (15 Marks)
b. Write a note on the necessity and function of a baptistry. (05 Marks)

- 6 a. Highlight the forms of dome used in Byzantine architecture. (06 Marks)
b. Explain the layout and design of Hagia Sophia. (14 Marks)

- 7 a. Illustrate and explain "Rib and panel" system of Romanesque vault. (08 Marks)
b. Enumerate the architectural character of Gothic style with sketches. (12 Marks)

- 8 Write short notes on any FOUR : (20 Marks)
a. Roman Aqueduct
b. Bell tower during Romanesque style
c. Rose window
d. Function of crepidoma in Greek temple
e. Byzantine half-dome (Hagia Sophia)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and/or equations written eg. 42+8 = 50, will be treated as malpractice.