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**Second Semester B.Arch. Degree Examination, Dec.2014/Jan.2015**  
**History of Architecture – I**

Max. Marks: 100

Time: 3 hrs.

Note: Answer any FIVE full questions.

- 1 a. Illustrate the entablature of DORIC ORDER and explain the various parts and their functions. (12 Marks)  
 b. Explain the functions of (i) Pro-naos and (ii) Naos in a Greek temple with a sketch. (08 Marks)
- 2 a. Write a brief note on 'Entasis' as an optical correction in column design of a Greek temple. (06 Marks)  
 b. Discuss the planning and design of a Greek theatre with illustrations. (14 Marks)
- 3 a. Explain and sketch the types of vaults used by Romans. (05 Marks)  
 b. Differentiate between : (07 Marks)  
 i) Calidarium and Frigidarium in a Roman Thermae (08 Marks)  
 ii) Roman Basilica and Colosseum with sketches.
- 4 a. Explain the design aspects of dome construction of Pantheon, Rome with illustrations. (08 Marks)  
 b. Illustration and elaborate the designing of a Roman Triumphal arch. (12 Marks)
- 5 a. Explain the reasons for adopting Roman basilicas as Churches by early Christian designers. (05 Marks)  
 b. Illustrate and explain : (10 Marks)  
 i) An early Christian Baptistery (05 Marks)  
 ii) Roofing of an early Christian Church (Structural)
- 6 a. Elaborate the types of domes used in Byzantine architecture with sketches. (12 Marks)  
 b. Differentiate between : (08 Marks)  
 i) Dome and Semi dome ii) Narthex and apsidal end in Santa Sophia.
- 7 a. Highlight the characteristics of Romanesque style with illustrations. (10 Marks)  
 b. Sketch and explain the various parts of a western elevation of a Gothic church. (10 Marks)
- 8 Write short notes on (Any Four) : (20 Marks)  
 a. Roman aqueduct  
 b. Choir space in an Early Christian church  
 c. Flying buttress  
 d. Bell tower and  
 e. Four part vault/cross vault.

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