

End-Semester Examination (autumn of 2010)  
**HISTORY OF ARCHITECTURE – I (AR 20011)**  
Department of Architecture and Regional Planning  
Indian Institute of Technology Kharagpur

---

1. Answer question no. 1 – it is compulsory and any two from the rest.
2. In all you have to answer three (3) questions.
3. Total Marks = 100
4. Furnish sketches with annotations wherever possible
5. Total no. of students = 34

Q1 Make a comparative analyses of a) Humayun's Tomb and b) the Taj Mahal in terms of:

1. Site planning norms and guidelines
2. Proportion of distribution of built and non-built spaces
3. Structural logic behind construction of Mausoleums
4. Levels of floors and distribution of functions
5. Extent of embellishments and décor

(50 marks)

Or

Q1 Furnish a logical explanation of the evolution of the planning of Fateh-pur Sikri Complex in terms of:

1. Site selection and urban design implications
2. Distribution of various spaces – secular vis-à-vis non-secular; public versus imperial
3. Logic behind construction of Mahals and Courts
4. Darwazas based on orientation and imperial viewpoints
5. Special features of micro town planning

(50 marks)

Q2 Provide a comparative account of chronological evolution of dominions of Muslim Slave Kings in India to that of the Mughals - explain with examples.

(25 marks)

Q4 Delineate the principles of 'Chahar Bagh' - How will you position its relevance in the context of modern open space or green planning in urban areas – provide your own arguments.

(25 marks)

Q5 Furnish with sketches short notes on – a) Mihrab and Mimbar; b) Squinch system of construction; c) Ishmael-i Diagrams; d) Opens spaces in a major mosque; e) Physical application of the concept of Ain-i-Akbari

(25 marks)