

Navrachana University
School of Environmental Design and Architecture (SEDA)
End-Semester Examination May 2016
1st Year B. Arch – 2nd Semester
HS262 – History and Theory of Architecture (Modern Architecture)

Date: 12th May 2017
Time: 3 hours

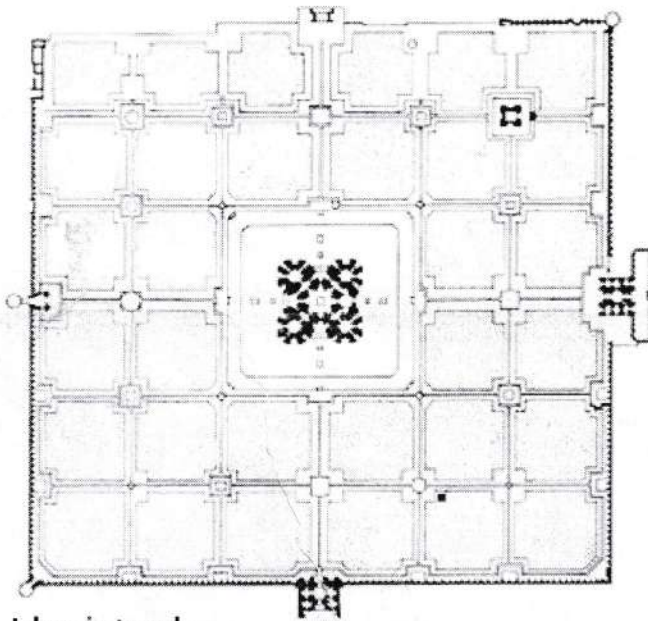
Marks: 100

Instructions:

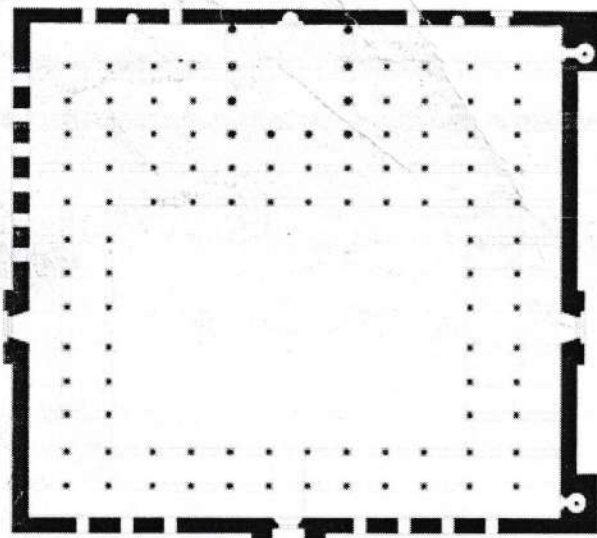
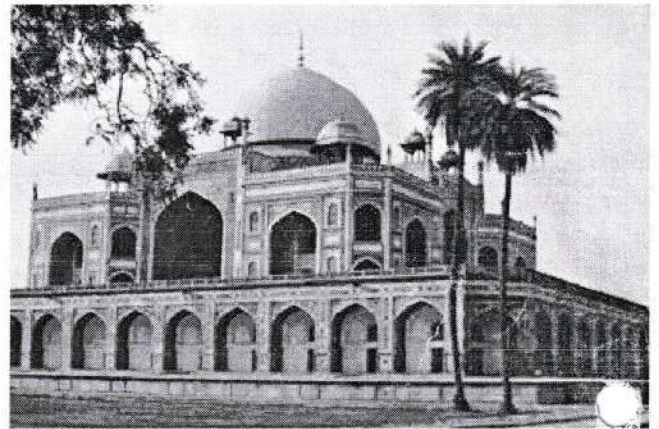
- Write each answer on a new side
- This is an open book exam. You are only allowed to carry your notes. No photocopies or books allowed.
- Sketches to be provided, for theoretical as well as analytical questions.

1. Explain difference between any 2 the following through sketches (15)
 - Pendentive dome and corbelled dome
 - Ornamentation in mosque and ornamentation in temple. Explain why.
 - Chaitya and vihara
2. Write short note on any 4 the following. Provide sketches wherever necessary. (20)
 - Garden of paradise
 - Key buildings of Indus valley civilization
 - The idea of centre in Hindi architecture
 - Idea of God in Islam
 - The determinants of form of mosque
 - Kulliye
 - Remainder system
3. Draw the key elements of any 2 of the following and explain the determinants: (20)
 - Stupa
 - Mosque
 - Temple
4. Draw and explain symbolism any 4 of the following, along with their location in the respective building (10)
 - Mihrab
 - Dome
 - Shikhar
 - Garbhagriha
 - Chhatra
 - Anda
5. Compare Hindu and Islamic architecture for any 3 of the following points through sketches (15)
 - The idea of centre
 - Statement of limits
 - Ordering principle
 - Organization of form
6. How would these buildings grow and why? Demonstrate two ways in which additions would be made to any two these buildings keeping the principles of Hindu and Islamic architecture in mind. See reference drawings (10)
 - Islamic tomb
 - Mosque
 - Hindu temple
7. Analyze both the given buildings for the following (10)
 - Geometry
 - Spatial organization

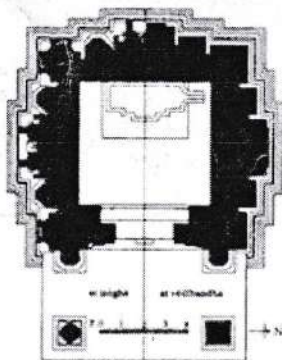
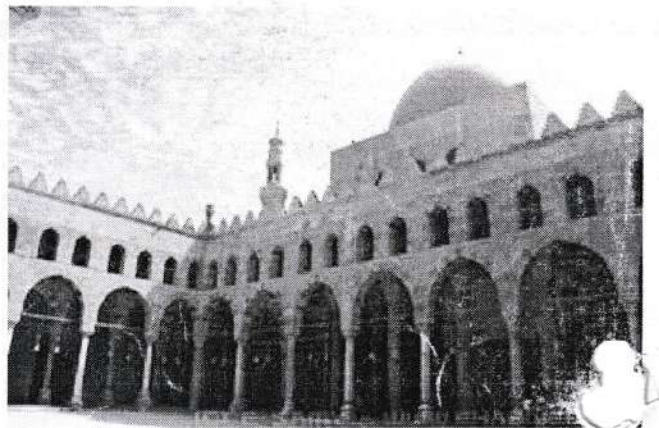
Question 6



Islamic tomb



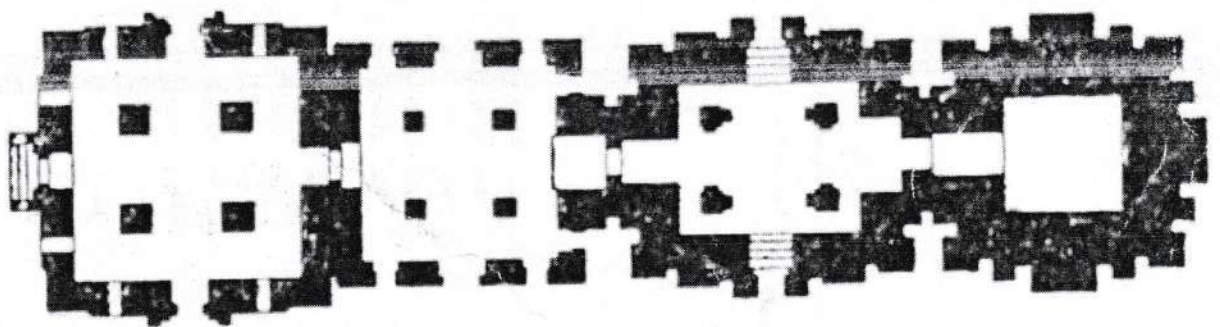
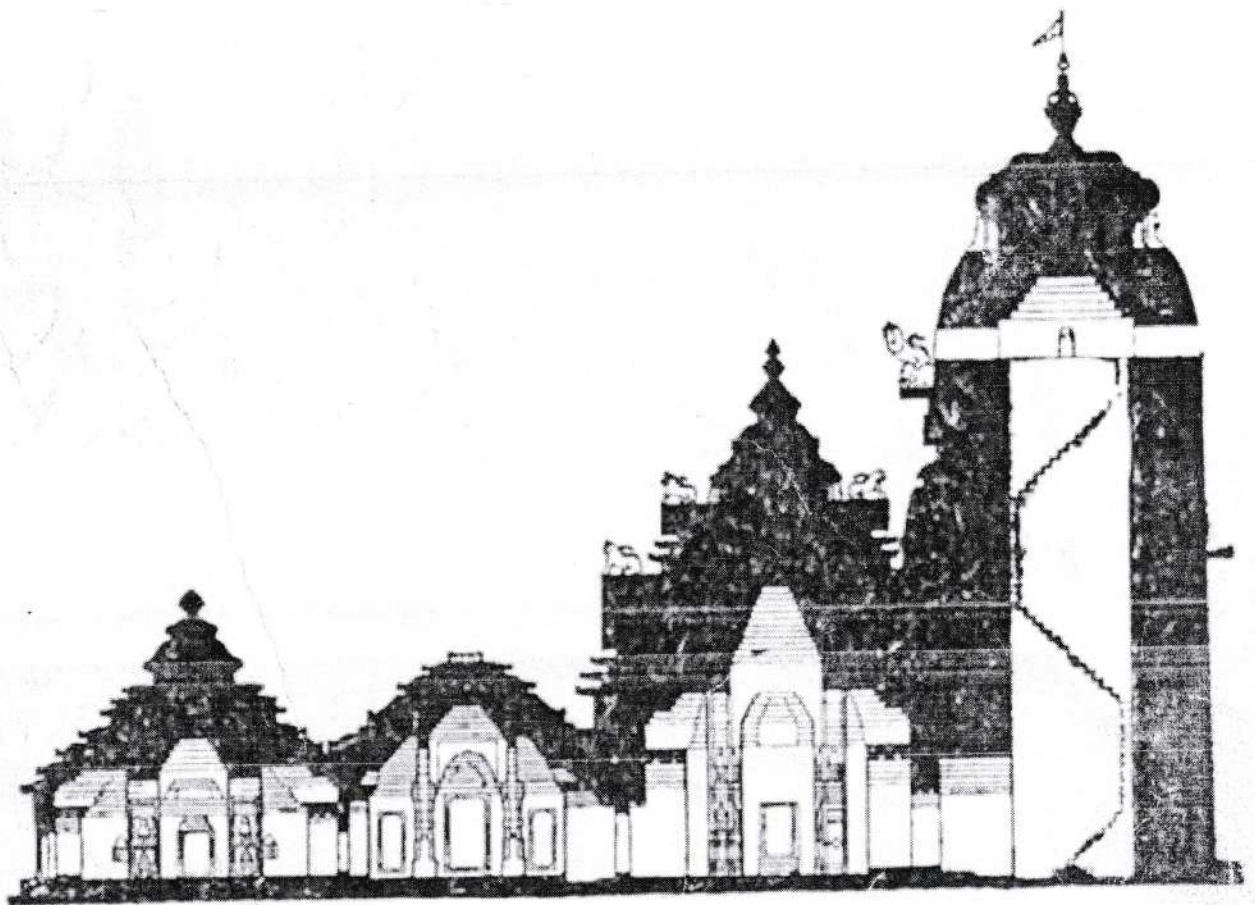
Mosque



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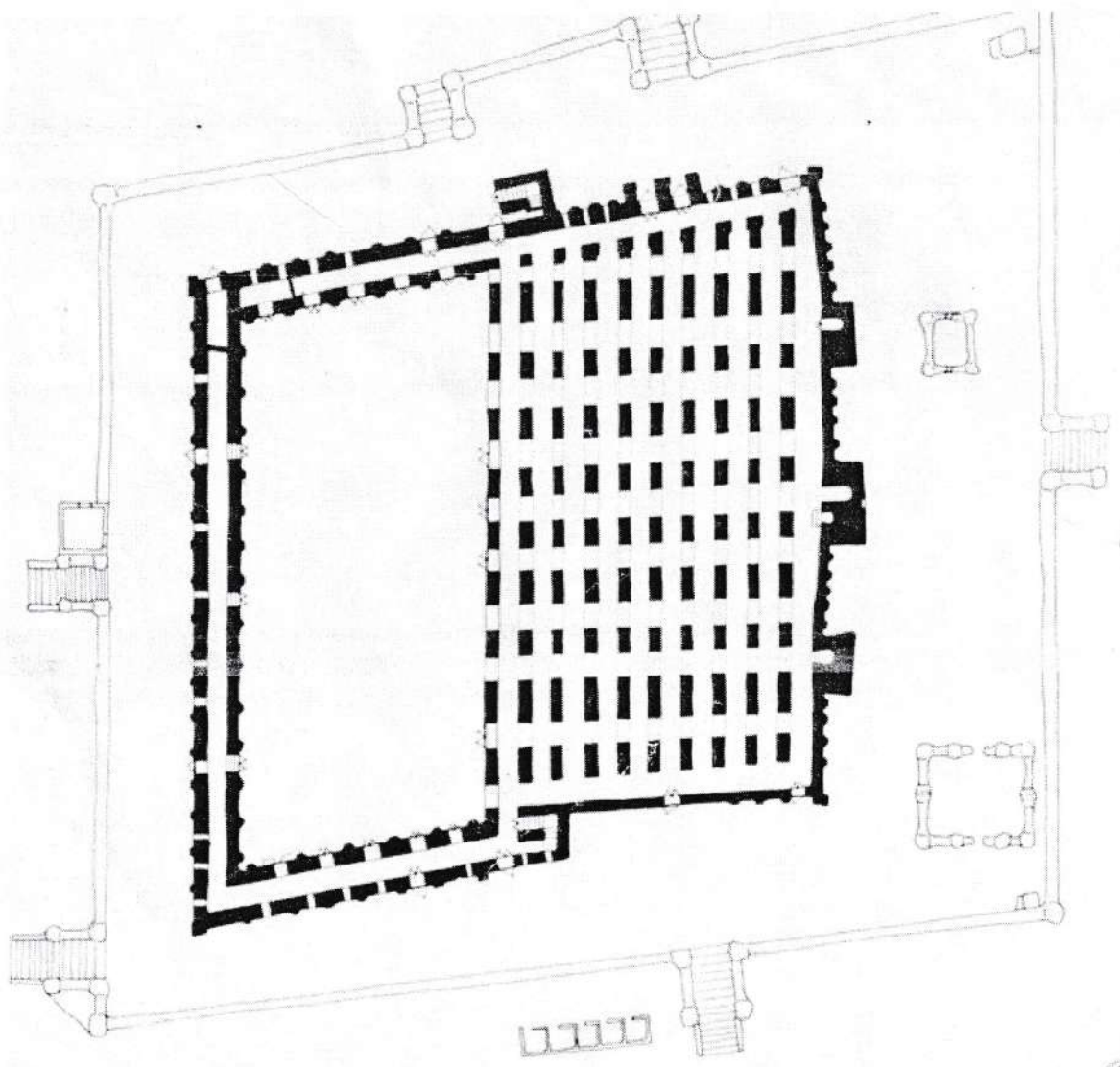
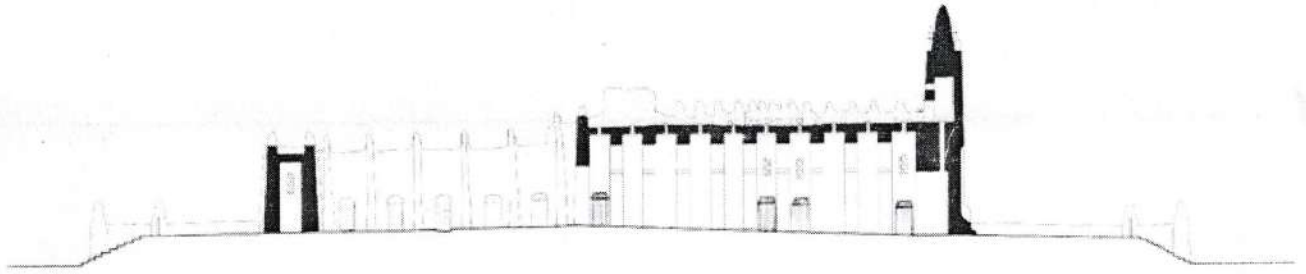
Hindu temple





Lingaraj temple

Question 7



Great Mosque of Djenné

