

POST GRADUATE COMMON ENTRANCE TEST - 2015

DATE & TIME	COURSE	SUBJECT
08-08-2015 10.30 AM TO 12.30 PM	ME / M.Tech/ M.Arch / Courses Offered by VTU / UVCE / UBDTCE	ARCHITECTURE
MAXIMUM MARKS	TOTAL DURATION	MAXIMUM TIME FOR ANSWERING
100	150 MINUTES	120 MINUTES
MENTION YOUR PG CET NO.		QUESTION BOOKLET SERIAL NUMBER
		330065
		VERSION CODE
		A - 1

DOs :

1. Check whether the PG CET No. has been entered and shaded in the respective circles on the OMR answer sheet.
2. Ensure whether the circles corresponding to course and the specific branch have been shaded on the OMR answer sheet.
3. This question booklet is issued to you by the invigilator after the **2nd bell i.e., after 10.25 am.**
4. The serial number of this question booklet should be entered on the OMR answer sheet.
5. The version code of this question booklet should be entered on the OMR answer sheet and the respective circles should also be shaded completely.
6. Compulsorily sign at the bottom portion of the OMR answer sheet in the space provided.

DON'Ts:

1. **THE TIMING AND MARKS PRINTED ON THE OMR ANSWER SHEET SHOULD NOT BE DAMAGED / MUTILATED / SPOILED.**
2. **THE 3RD BELL RINGS AT 10.30 AM, TILL THEN;**
 - Do not remove the seal / staple present on the right hand side of this question booklet.
 - Do not look inside this question booklet.
 - Do not start answering on the OMR answer sheet.

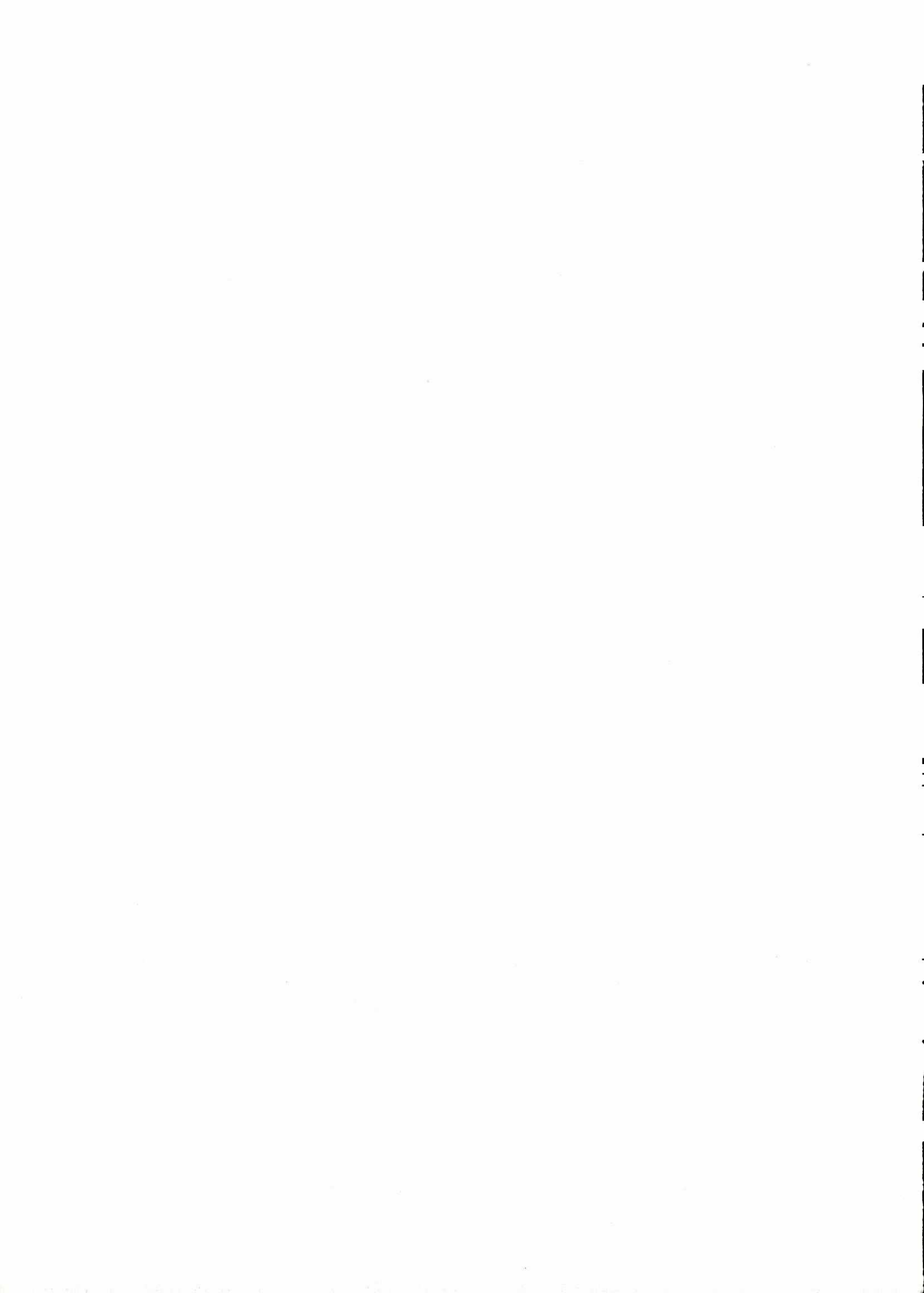
IMPORTANT INSTRUCTIONS TO CANDIDATES

1. This question booklet contains 75 (items) questions and each question will have one statement and four answers. (Four different options / responses.)
2. After the 3rd Bell is rung at 10.30 am, remove the seal / staple stapled on the right hand side of this question booklet and check that this booklet does not have any unprinted or torn or missing pages or items etc., if so, get it replaced by a complete test booklet. Read each item and start answering on the OMR answer sheet.
3. During the subsequent 120 minutes:
 - Read each question (item) carefully.
 - Choose one correct answer from out of the four available responses (options / choices) given under each question / item. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **only one response** for each item.
 - Completely **darken / shade the relevant circle with a blue or black ink ballpoint pen against the question number on the OMR answer sheet.**
4. Use the space provided on each page of the question booklet for Rough Work. Do not use the OMR answer sheet for the same.
5. After the **last bell is rung at 12.30 pm**, stop marking on the OMR answer sheet and affix your left hand thumb impression on the OMR answer sheet as per the instructions.
6. Hand over the **OMR answer sheet** to the room invigilator as it is.
7. After separating the top sheet (KEA copy), the invigilator will return the bottom sheet replica (candidate's copy) to you to carry home for self evaluation.
8. Preserve the replica of the OMR answer sheet for a minimum period of ONE year.
9. Only **Non-programmable** calculators are allowed.

MARKS DISTRIBUTION

PART - 1	50 QUESTIONS CARRY ONE MARK EACH (1 TO 50)
PART - 2	25 QUESTIONS CARRY TWO MARKS EACH (51 - 75)

SEAL



ARCHITECTURE

PART - 1

(Each question carries one mark)

(50 X 1 = 50)

1. Architect Antonio Gaudi is associated with
 - a. Arts and crafts movement
 - b. Art Nouveau
 - c. Futurism
 - d. Brutalism
2. Topiary in landscape design refers to
 - a. Hedge
 - b. Bush shaped in animal form
 - c. Small tree
 - d. Fence
3. Versaille garden is located in
 - a. Germany
 - b. France
 - c. Spain
 - d. Great Britain
4. Karnataka Town and Country Planning ACT came in to force in
 - a. 1960
 - b. 1961
 - c. 1962
 - d. 1963
5. High density is observed in
 - a. Fringe areas
 - b. Suburban areas
 - c. Central business district
 - d. Along highways
6. The concept of Dynapolis was suggested by
 - a. F.L.Wright
 - b. Doxiades
 - c. Le Corbusier
 - d. Ebenezer Howard
7. The ten books on Architecture was written by
 - a. Vitruvius
 - b. Le Corbusier
 - c. Patrick Geddes
 - d. Ebenezer Howard
8. Valley section concept was developed by
 - a. G.A Perry
 - b. Patrick Geddes
 - c. Lewis Mumford
 - d. Clarence Stein
9. 'KEN' proportioning system is used in
 - a. Chinese design
 - b. Japanese design
 - c. Indian design
 - d. British deisgn

Space For Rough Work

10. F.S.I refers to
- Full scale information
 - Free sample index
 - Floor space index
 - Full scale integration
11. Radburn community was planned by
- F.L.Wright
 - Walter Gropius
 - H. Wright and C. Stein
 - Louis Kahn
12. Harmony can be defined as
- Lack of contrast
 - Lack of conflict
 - Lack of direction
 - Lack of strength
13. Soria-Y-Mata is associated with
- Grid iron planning
 - Linear planning
 - Radial planning
 - Concentric planning
14. New Bagalkot town has been designed by
- Uttam Jain
 - Kanvinde
 - Charles Correa
 - B V Doshi
15. P.P.H.R refers to
- Project proposal for Health Research
 - Persons per Habitable Room
 - People per Hectare Ratio
 - Population Project Housing Report
16. Tea garden is a type of garden associated with
- Italian style
 - Japanese style
 - Chinese style
 - British style
17. The gardens in Rashtrapathi Bhavan are influenced by
- French gardens
 - British gardens
 - Mughal gardens
 - Chinese gardens
18. Deciduous trees shed leaves
- Once a year
 - Occasionally
 - Never
 - Several times a year
19. 'Charbagh' concept is found in
- Spanish style
 - Bijapur style
 - Mughal style
 - Bengal style

Space For Rough Work

20. Tree type that can be suggested along road side to be of
- Fruit bearing
 - Shade giving
 - Flowering
 - Ornamental type
21. E.I.A refers to
- Ecological International Agreement
 - Ecological Impact Assessment
 - Environmental Impact Assessment
 - Environmental Improvement Agency
22. A column without base is
- Ionic column
 - Corinthian column
 - Tuscan column
 - Greek Doric column
23. A well laid out sanitation system was present in
- Egyptian towns
 - Indus culture towns
 - Medieval towns
 - Gothic towns
24. Ajanta and Ellora are essentially
- Structural examples
 - Rock cut examples
 - Subterranean examples
 - Assembled examples
25. 'Urushringas' are found in
- Khajuraho style
 - Orissan style
 - Housala style
 - Chola style
26. 'Triple dome' concept is seen in
- Gothic style
 - Renaissance style
 - Roman style
 - Islamic style
27. 'Ornament is crime' is associated with
- Le Corbusier
 - Adolf Loos
 - Walter Gropius
 - Piet Mondrian
28. Ladkhan temple at Aihole is a refined version of
- Vedic House
 - Vedic village Hall
 - Buddhist vihara
 - Buddhist chaitya
29. The plaza at S.Peter, Rome was designed by
- Borromini
 - Bernini
 - Michael Angelo
 - Alberti

Space For Rough Work

30. 'Dwikutachala' (twin shrined) shrines are associated with
- Cholas
 - Pandyas
 - Hoysalas
 - Kadambas
31. Brutalism emphasised the use of
- Steel
 - Glass
 - Concrete
 - Stone
32. I.I.T Kanpur was designed by
- B. V. Doshi
 - Uttam Jain
 - A. Kanvinde
 - Sarabjit Singh
33. Land prices after industrial revolution in cities resulted in
- High rise building
 - Villa type buildings
 - Low rise buildings
 - Row type buildings
34. Bahaus school was designed by
- Jose Louis Sert
 - Philip Johnson
 - Walter Gropius
 - Richard Rogers
35. The entrance verandah to a church is known as
- Nave
 - Crypt
 - Narthex
 - Choir
36. Tepidarium in a Roman Thermae refers to
- Hot room
 - Warm room
 - Cooling pool
 - Massage room
37. Victoria Terminus, Mumbai is an example of
- Renaissance style
 - Gothic style
 - Mughal style
 - Greek style
38. According to Neighborhood theory the centre of neighborhood is
- Shopping Centre
 - Traffic Terminus
 - School
 - Park
39. The focal point of a medieval town was
- Palace
 - Church
 - Market
 - Trade guild
40. O.D.P stands for
- Ordinary Development Proposals
 - Outline Dilenation Plan
 - Outline Development Plan
 - Outline Detailed Proposal

Space For Rough Work

41. The agency which prepares the 'Master plan' for Bangalore is
- B.B.M.P
 - B.D.A
 - State Town Planning Department
 - Housing Board
42. The 'Boulevard' concept in Paris was developed by
- Hausmann
 - Blondel
 - Ledoux
 - Laugier
43. A city to be classified as 'Metropolis' should have a population of
- One lakh
 - Three lakhs
 - Five lakhs
 - Ten lakhs
44. Minimum number of carriageways in a road should be
- | | |
|----------|---------|
| a. One | b. Two |
| c. Three | d. Four |
45. The minimum height of a habitable room should be
- | | |
|----------|----------|
| a. 2.5 m | b. 2.6 m |
| c. 3 m | d. 4 m |
46. The Mysore Palace was designed during
- Medieval period
 - Colonial period
 - Post independence period
 - Vijayanagar period
47. Semi public and Public Land use in a land use plan is represented by
- Blue color
 - Red color
 - Grey color
 - Brown color
48. Rose window in a French Cathedral is present on
- Eastern side
 - Southern side
 - Western side
 - Northern side
49. Parliament House, New Delhi was designed by
- | | |
|--------------|--------------------|
| a. H. Baker | b. Habibur Rehman |
| c. Raj Rewal | d. Robert Stirling |
50. French Colonial architecture is seen in
- Chennai
 - Hyderabad
 - Royal Seema
 - Pondicherry

Space For Rough Work

PART - 2

(Each question carries two marks)

(25 X 2 = 50)

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| <p>51. Two important elements of an Islamic Rauza are</p> <ol style="list-style-type: none">Tomb and gardenMosque and gatewayGarden and enclosureTomb and mosque | <p>55. The tomb of Ibrahim Rauza is known for two notable features</p> <ol style="list-style-type: none">Oblana plan and open arcadeDouble dome and hanging ceilingOrnate tomb chamber and grand entranceSemi circular arches and shoulder type dome |
| <p>52. Two important visual characteristics of Gothic architecture are</p> <ol style="list-style-type: none">Horizontally and simplicitySymmetry and use of ordersVerticality and structureDomes and thick walls | <p>56. Two free standing mantapas in an Orissan temple are</p> <ol style="list-style-type: none">Jagmohan and DeviJagmohan and Nat mandirDevi and Bhog mandirNat mandir and Bhog mandir |
| <p>53. Two important preliminary steps in site planning are</p> <ol style="list-style-type: none">Fencing and AllotmentTree planting and signage systemLevelling and Land fillingElectrification and drainage system | <p>57. Two types of vaults used by Romans include</p> <ol style="list-style-type: none">Barrel vault and rib vaultCross vault and fan vaultBarrel vault and cross vaultSquare vault and circular vault |
| <p>54. Two important characteristics of Mughal planning are</p> <ol style="list-style-type: none">Symmetry and monumentalityAsymmetry and limited building typologyInformality and compactnessSimplicity and use of timber for construction | <p>58. Two types of Buddhist Viharas correspond to</p> <ol style="list-style-type: none">Vajrayana and MahayanaHinayana and MahayanaVajrayana and HinayanaVajrayana and Devayana |

Space For Rough Work

59. Two notable features of 'Art Nouveau' movement include
- Whiplash finish and naturalistic curves
 - Straight lines and Primary colors
 - Symmetrical design and lack of ornament
 - Plain shapes and monochromes
60. Identify two city serving functions from the following
- Roads and communication
 - Agriculture and mining
 - Industry and public buildings
 - Housing and trade
61. Two books written by John Ruskin are
- Seven lamps of Architecture and stones of Venice
 - Cities of tomorrow - and classical Roman architecture
 - Pattern Language and House Form and Culture
 - Architectural styles and Arts and Crafts in design
62. Two famous personalities associated with 'GUFA' Ahmedabad are
- Uttam Jain and Jehangir Sabwala
 - M. F. Hussain and B. V. Doshi
 - B. V. Doshi and Bhupen Khakkar
 - D' Souza and Bawa
63. Two new types of building typologies emerging after industrial revolution are
- Bridges and Villas
 - Factories and Railway Stations
 - Churches and Hospitals
 - Clubs and Theatres
64. Multiple nuclei concept was put forth by
- Burgess and Ulman
 - Harris and Ulman
 - Hoyt and Burgess
 - Hoyt and Harris
65. Two types of structural bays used in Romanesque churches are
- Square and oblong
 - Square and circular
 - Oblong and polygonal
 - Circular and polygonal
66. Unique contribution of Islamic style in India are
- Buttress and Dome
 - Dome and Arch
 - Arch and pitched roof
 - Vault and Triple Dome
67. Two factors for consideration in housing policy are
- Income and social strata of people
 - Location and materials
 - Number of children and savings
 - Literacy and household possessions

Space For Rough Work

68. Two functions of slum development board are
- Planning and development of slums
 - Eradication and rehousing inhabitants
 - Help BDA and BBMP organizations separately in planning
 - Provide education and employment to people
69. Two places where Sun Temple is planned on a grand scale are
- Avantipura and Deonar
 - Modhera and Konarak
 - Konarak and Srivilliputhur
 - Modhera and Shantrunjaya
70. Two functions of Rhythm are
- Bring emphasis and clarity
 - Bring proportion and scale
 - Provide balance and restraint
 - Provide refinement and direction
71. Two types of temple style are
- Vesara and Khajuraho
 - Dravida and Nagara
 - Dravida and Pallava
 - Nagara and Gujarat
72. Two notable books by Robert Venturi are
- City of Future and City of Transition
 - Pattern language and City is not a tree
 - Time, space and Architecture and space and its concept in Greek architecture
 - Learning from Las Vegas and Complexity and Contradictions in Architecture
73. Two examples of completely covered mosques are observed in
- Bijapur and Golconda
 - Ahmedabad and Champaneir
 - Bengal and Gulberga
 - Delhi and Saharanpur
74. Two well known English Landscape Architects are
- F. L. Olmstead
 - Valladier and C. Wren
 - P. Webb and Morris
 - John Nash and W. Kent
75. Two prominent elements in the citadel of Mohenjodaro include
- Palace and gateway
 - Fort and palace
 - Bath and granary
 - Palace and garden

Space For Rough Work

Space For Rough Work

SEAL