

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)

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ARCHITECTURE

PART - 1

(Each question carries one mark)

(50 X 1 = 50)

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| <p>1. Architect Antonio Gaudi is associated with</p> <ul style="list-style-type: none">a. Arts and crafts movementb. Art Nouveauc. Futurismd. Brutalism <p>2. Topiary in landscape design refers to</p> <ul style="list-style-type: none">a. Hedgeb. Bush shaped in animal formc. Small treed. Fence <p>3. Versaille garden is located in</p> <ul style="list-style-type: none">a. Germanyb. Francec. Spaind. Great Britain <p>4. Karnataka Town and Country Planning ACT came in to force in</p> <ul style="list-style-type: none">a. 1960 b. 1961c. 1962 d. 1963 <p>5. High density is observed in</p> <ul style="list-style-type: none">a. Fringe areasb. Suburban areasc. Central business districtd. Along highways | <p>6. The concept of Dynapolis was suggested by</p> <ul style="list-style-type: none">a. F.L.Wrightb. Doxiadesc. Le Corbusierd. Ebenezer Howard <p>7. The ten books on Architecture was written by</p> <ul style="list-style-type: none">a. Vitruviusb. Le Corbusierc. Patrick Geddesd. Ebenezer Howard <p>8. Valley section concept was developed by</p> <ul style="list-style-type: none">a. G.A Perryb. Patrick Geddesc. Lewis Mumfordd. Clarence Stein <p>9. 'KEN' proportioning system is used in</p> <ul style="list-style-type: none">a. Chinese designb. Japanese designc. Indian designd. British deisgn |
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Space For Rough Work

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| <p>10. F.S.I refers to</p> <ul style="list-style-type: none"> a. Full scale information b. Free sample index c. Floor space index d. Full scale integration <p>11. Radburn community was planned by</p> <ul style="list-style-type: none"> a. F.L.Wright b. Walter Gropius c. H. Wright and C. Stein d. Louis Kahn <p>12. Harmony can be defined as</p> <ul style="list-style-type: none"> a. Lack of contrast b. Lack of conflict c. Lack of direction d. Lack of strength <p>13. Soria-Y-Mata is associated with</p> <ul style="list-style-type: none"> a. Grid iron planning b. Linear planning c. Radial planning d. Concentric planning <p>14. New Bagalkot town has been designed by</p> <ul style="list-style-type: none"> a. Uttam Jain b. Kanvinde c. Charles Correa d. B V Doshi | <p>15. P.P.H.R refers to</p> <ul style="list-style-type: none"> a. Project proposal for Health Research b. Persons per Habitable Room c. People per Hectare Ratio d. Population Project Housing Report <p>16. Tea garden is a type of garden associated with</p> <ul style="list-style-type: none"> a. Italian style b. Japanese style c. Chinese style d. British style <p>17. The gardens in Rashtrapathi Bhavan are influenced by</p> <ul style="list-style-type: none"> a. French gardens b. British gardens c. Mughal gardens d. Chinese gardens <p>18. Deciduous trees shed leaves</p> <ul style="list-style-type: none"> a. Once a year b. Occasionally c. Never d. Several times a year <p>19. 'Charbagh' concept is found in</p> <ul style="list-style-type: none"> a. Spanish style b. Bijapur style c. Mughal style d. Bengal style |
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Space For Rough Work

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| <p>20. Tree type that can be suggested along road side to be of</p> <ol style="list-style-type: none"> Fruit bearing Shade giving Flowering Ornamental type <p>21. E.I.A refers to</p> <ol style="list-style-type: none"> Ecological International Agreement Ecological Impact Assessment Environmental Impact Assessment Environmental Improvement Agency <p>22. A column without base is</p> <ol style="list-style-type: none"> Ionic column Corinthian column Tuscan column Greek Doric column <p>23. A well laid out sanitation system was present in</p> <ol style="list-style-type: none"> Egyptian towns Indus culture towns Medieval towns Gothic towns <p>24. Ajanta and Ellora are essentially</p> <ol style="list-style-type: none"> Structural examples Rock cut examples Subterranean examples Assembled examples | <p>25. 'Urushringas' are found in</p> <ol style="list-style-type: none"> Khajuraho style Orissan style Housala style Chola style <p>26. 'Triple dome' concept is seen in</p> <ol style="list-style-type: none"> Gothic style Renaissance style Roman style Islamic style <p>27. 'Ornament is crime' is associated with</p> <ol style="list-style-type: none"> Le Corbusier Adolf Loos Walter Gropius Piet Mondrian <p>28. Ladkhan temple at Aihole is a refined version of</p> <ol style="list-style-type: none"> Vedic House Vedic village Hall Buddhist vihara Buddhist chaitya <p>29. The plaza at S.Peter, Rome was designed by</p> <ol style="list-style-type: none"> Borromini Bernini Michael Angelo Alberti |
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Space For Rough Work

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

Space For Rough Work

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| <p>41. The agency which prepares the 'Master plan' for Bangalore is</p> <ol style="list-style-type: none"> B.B.M.P B.D.A State Town Planning Department Housing Board <p>42. The 'Boulevard' concept in Paris was developed by</p> <ol style="list-style-type: none"> Haussmann Blondel Ledoux Laugier <p>43. A city to be classified as 'Metropolis' should have a population of</p> <ol style="list-style-type: none"> One lakh Three lakhs Five lakhs Ten lakhs <p>44. Minimum number of carriageways in a road should be</p> <table border="0"> <tr> <td>a. One</td> <td>b. Two</td> </tr> <tr> <td>c. Three</td> <td>d. Four</td> </tr> </table> <p>45. The minimum height of a habitable room should be</p> <table border="0"> <tr> <td>a. 2.5 m</td> <td>b. 2.6 m</td> </tr> <tr> <td>c. 3 m</td> <td>d. 4 m</td> </tr> </table> | a. One | b. Two | c. Three | d. Four | a. 2.5 m | b. 2.6 m | c. 3 m | d. 4 m | <p>46. The Mysore Palace was designed during</p> <ol style="list-style-type: none"> Medieval period Colonial period Post independence period Vijayanagar period <p>47. Semi public and Public Land use in a land use plan is represented by</p> <ol style="list-style-type: none"> Blue color Red color Grey color Brown color <p>48. Rose window in a French Cathedral is present on</p> <ol style="list-style-type: none"> Eastern side Southern side Western side Northern side <p>49. Parliament House, New Delhi was designed by</p> <table border="0"> <tr> <td>a. H. Baker</td> <td>b. Habibur Rehman</td> </tr> <tr> <td>c. Raj Rewal</td> <td>d. Robert Stirling</td> </tr> </table> <p>50. French Colonial architecture is seen in</p> <ol style="list-style-type: none"> Chennai Hyderabad Royal Seema Pondicherry | a. H. Baker | b. Habibur Rehman | c. Raj Rewal | d. Robert Stirling |
| a. One | b. Two | | | | | | | | | | | | |
| c. Three | d. Four | | | | | | | | | | | | |
| a. 2.5 m | b. 2.6 m | | | | | | | | | | | | |
| c. 3 m | d. 4 m | | | | | | | | | | | | |
| a. H. Baker | b. Habibur Rehman | | | | | | | | | | | | |
| c. Raj Rewal | d. Robert Stirling | | | | | | | | | | | | |

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> <ul style="list-style-type: none">a. Tomb and gardenb. Mosque and gatewayc. Garden and enclosured. Tomb and mosque <p>52. Two important visual characteristics of Gothic architecture are</p> <ul style="list-style-type: none">a. Horizontality and simplicityb. Symmetry and use of ordersc. Verticality and structured. Domes and thick walls <p>53. Two important preliminary steps in site planning are</p> <ul style="list-style-type: none">a. Fencing and Allotmentb. Tree planting and signage systemc. Levelling and Land fillingd. Electrification and drainage system <p>54. Two important characteristics of Mughal planning are</p> <ul style="list-style-type: none">a. Symmetry and monumentalityb. Asymmetry and limited building typologyc. Informality and compactnessd. Simplicity and use of timber for construction | <p>55. The tomb of Ibrahim Rauza is known for two notable features</p> <ul style="list-style-type: none">a. Oblana plan and open arcadeb. Double dome and hanging ceilingc. Ornate tomb chamber and grand entranced. Semi circular arches and shoulder type dome <p>56. Two free standing mantapas in an Orissan temple are</p> <ul style="list-style-type: none">a. Jagmohan and Devib. Jagmohan and Nat mandirc. Devi and Bhog mandird. Nat mandir and Bhog mandir <p>57. Two types of vaults used by Romans include</p> <ul style="list-style-type: none">a. Barrel vault and rib vaultb. Cross vault and fan vaultc. Barrel vault and cross vaultd. Square vault and circular vault <p>58. Two types of Buddhist Viharas correspond to</p> <ul style="list-style-type: none">a. Vajrayana and Mahayanab. Hinayana and Mahayanac. Vajrayana and Hinayanad. Vajrayana and Devayana |
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Space For Rough Work

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| <p>59. Two notable features of 'Art Nouveau' movement include</p> <ol style="list-style-type: none"> Whiplash finish and naturalistic curves Straight lines and Primary colors Symmetrical design and lack of ornament Plain shapes and monochromes <p>60. Identify two city serving functions from the following</p> <ol style="list-style-type: none"> Roads and communication Agriculture and mining Industry and public buildings Housing and trade <p>61. Two books written by John Ruskin are</p> <ol style="list-style-type: none"> 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 <p>62. Two famous personalities associated with 'GUFA' Ahmedabad are</p> <ol style="list-style-type: none"> Uttam Jain and Jehangir Sabwala M. F. Hussain and B. V. Doshi B. V. Doshi and Bhupen Khakkar D' Souza and Bawa | <p>63. Two new types of building typologies emerging after industrial revolution are</p> <ol style="list-style-type: none"> Bridges and Villas Factories and Railway Stations Churches and Hospitals Clubs and Theatres <p>64. Multiple nuclei concept was put forth by</p> <ol style="list-style-type: none"> Burgess and Ulman Harris and Ulman Hoyt and Burgess Hoyt and Harris <p>65. Two types of structural bays used in Romanesque churches are</p> <ol style="list-style-type: none"> Square and oblong Square and circular Oblong and polygonal Circular and polygonal <p>66. Unique contribution of Islamic style in India are</p> <ol style="list-style-type: none"> Buttress and Dome Dome and Arch Arch and pitched roof Vault and Triple Dome <p>67. Two factors for consideration in housing policy are</p> <ol style="list-style-type: none"> Income and social strata of people Location and materials Number of children and savings Literacy and household possessions |
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Space For Rough Work

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| <p>68. Two functions of slum development board are</p> <ol style="list-style-type: none"> Planning and development of slums Eradication and rehousing inhabitants Help BDA and BBMP organizations separately in planning Provide education and employment to people <p>69. Two places where Sun Temple is planned on a grand scale are</p> <ol style="list-style-type: none"> Avantipura and Deonar Modhera and Konarak Konarak and Srivilliputhur Modhera and Shantrunjaya <p>70. Two functions of Rhythm are</p> <ol style="list-style-type: none"> Bring emphasis and clarity Bring proportion and scale Provide balance and restraint Provide refinement and direction <p>71. Two types of temple style are</p> <ol style="list-style-type: none"> Vesara and Khajuraho Dravida and Nagara Dravida and Pallava Nagara and Gujarat | <p>72. Two notable books by Robert Venturi are</p> <ol style="list-style-type: none"> 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 <p>73. Two examples of completely covered mosques are observed in</p> <ol style="list-style-type: none"> Bijapur and Golconda Ahmedabad and Champaneir Bengal and Gulberga Delhi and Saharanpur <p>74. Two well known English Landscape Architects are</p> <ol style="list-style-type: none"> F. L. Olmstead Valladier and C. Wren P. Webb and Morris John Nash and W. Kent <p>75. Two prominent elements in the citadel of Mohenjodaro include</p> <ol style="list-style-type: none"> Palace and gateway Fort and palace Bath and granary Palace and garden |
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Space For Rough Work

Space For Rough Work

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