

POST GRADUATE COMMON ENTRANCE TEST-2017

DATE and TIME	COURSE	SUBJECT
01-07-2017 2.30 p.m. to 4.30 p.m.	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 DETAILS
		VERSION CODE
		A - 1
		SERIAL NUMBER
		119139

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 2.25 p.m.
4. The Serial Number of this question booklet should be entered and the respective circles should also be shaded completely 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 on the OMR answer sheet.
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 2.30 p.m., till then;
 - Do not remove the paper seal / polythene bag 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 2.30 p.m., remove the paper seal / polythene bag 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 BALL POINT PEN against the question number on the OMR answer sheet.**

Correct Method of shading the circle on the OMR answer sheet is as shown below :



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 4.30 p.m., stop marking on the OMR answer sheet and affix your left hand thumb impression on the OMR answer sheet as per the instructions.
6. Handover 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 TO 75)

AR-A1



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ARCHITECTURE

PART – 1

Each question carries one mark.

(50 × 1 = 50)

1. 'City of Qutb' called
 - (A) Ahmedabad
 - (B) Delhi
 - (C) Bijapur
 - (D) Hyderabad
2. 'Keerti Stambha' located at
 - (A) Delhi
 - (B) Mumbai
 - (C) Chittor
 - (D) Mandu
3. Khirki Masjid build during
 - (A) Khilji period
 - (B) Tughlaq period
 - (C) Lodhi period
 - (D) Bahamani period
4. Hussain-Doshi Gupha located in
 - (A) Delhi
 - (B) Chandigarh
 - (C) Bangalore
 - (D) Ahmedabad
5. Buddhist Arch – The source of the onion Dome developed by the
 - (A) Barid Shahis
 - (B) Mohammed Shah
 - (C) Adil Shahis
 - (D) Qutb Shahis
6. Madrassa means
 - (A) College of Architecture
 - (B) College of Arts
 - (C) College of Theology
 - (D) College of Commerce
7. 'Scourge of God' title given to
 - (A) Timur
 - (B) Feroz Shah
 - (C) Iltutmish
 - (D) Ghias-ud-din

Space For Rough Work

8. Total height of Qutb Minar is

- (A) 73 mts
- (B) 103 mts
- (C) 93 mts
- (D) 53 mts

9. Swinging palace in Malwa also named as

- (A) Lotus Mahal
- (B) Hawa Mahal
- (C) Hindola Mahal
- (D) Gagan Mahal

10. The Rauza of Ibrahim Tomb & Mosque situated in

- (A) Bidar
- (B) Badami
- (C) Bijapur
- (D) Pattadakal

11. Fatehpur Sikri built by

- (A) Babar
- (B) Aurangzeb
- (C) Jahangir
- (D) Akbar

12. CDP means :

- (A) Comprehensive Development Practice
- (B) Comprehensive Data Plan
- (C) Comprehensive Development Plan
- (D) Continuous Development Plan

13. City streets are cut by Haussmann referred to

- (A) London
- (B) Paris
- (C) Brazil
- (D) Barcelona

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14. Fatehpur-Sikri build under the principle of
- (A) Organic Planning
 - (B) Visual Hierarchy
 - (C) Axis and Symmetry
 - (D) Grid-iron Pattern
15. Pietra Dura-an ornamentation work means
- (A) Plaster of Paris work
 - (B) Bidari work
 - (C) Softer Stone inlay
 - (D) Wattle & Daub work
16. Tony Garnier visualised
- (A) Linear city
 - (B) Industrial city
 - (C) Garden city
 - (D) Smart city
17. Hagia Sophia, Istanbul example for
- (A) Greek Architecture
 - (B) Roman Architecture
 - (C) Byzantine Architecture
 - (D) Islamic Architecture
18. Guggenheim Museum Bilbao designed by
- (A) Richard Neutra
 - (B) Frank O. Gehry
 - (C) Norman Foster
 - (D) Charles Correa
19. La Grande Arche of the defense designed by
- (A) Le Corbusier
 - (B) I. M. Pei
 - (C) Tadao Ando
 - (D) Dane Otto Van Spreckelson
20. 'De construction' term used by the philosopher
- (A) Hegel
 - (B) Karl Marx
 - (C) Angel
 - (D) Jacques Derrida

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21. Kansai International Airport terminal, Osaka, designed by
- (A) Santiago Calatrava
 - (B) Renzo Piano
 - (C) Zaha Hadid
 - (D) Nicholas Grimshaw
22. Contemporary Arts Centre Cincinnati designed by
- (A) Mario Botta
 - (B) Peter Zeunthor
 - (C) Zaha Hadid
 - (D) Jean Nouvel
23. City is not tree coined by
- (A) Le Corbusier
 - (B) Christopher Alexander
 - (C) Camilo Sitte
 - (D) Aldo Rossi
24. 'Central Park' in New York designed by
- (A) Camilo Sitte
 - (B) Soria Y. Mata
 - (C) Ebenezer Howard
 - (D) Frederick Law Olmsted
25. "Contemporary city for three million inhabitants" idealised by
- (A) Frank Loyd Wright
 - (B) Le Corbusier
 - (C) Walter Gropius
 - (D) CIAM
26. 'New Delhi' designed by
- (A) Le Corbusier
 - (B) Charles Correa
 - (C) Otto Konigsberger
 - (D) Edwin Lutyens
27. Golconde Dormitory, Pondicherry designed by
- (A) Oscar Niemeyer
 - (B) B. V. Doshi
 - (C) Antonin Raymond
 - (D) Joseph Allan Stein
28. "Architecture for the poor. an experiment in Rural Egypt" a book written by
- (A) Laurie Baker
 - (B) Achyut Kanvinde
 - (C) Rifat Chadirji
 - (D) Hassan Fathy

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29. MLCP means
- (A) Multi Level Commercial Place
 - (B) Multi Level Car Parking
 - (C) Multi Lower Car Parking
 - (D) Multi Level Covered Parking
30. DRC means
- (A) Development Residential Certificate
 - (B) Development Rights Certificate
 - (C) Development Regulation Certificate
 - (D) Development Rule Certificate
31. In Mohenjo-Daro & Harappa, the streets were arranged in
- (A) a regular pattern
 - (B) organic pattern
 - (C) regular & organic pattern
 - (D) monumental avenues
32. City Babylon located on the bank of river
- (A) Sindhu
 - (B) Ganga
 - (C) Nile
 - (D) Euphrates
33. In Greek town 'Agora' means
- (A) House
 - (B) Council Hall
 - (C) Public Space
 - (D) Assembly Hall
34. Pompeii – a Roman town largely devoted to
- (A) Commercial activities
 - (B) Industrial activities
 - (C) Residential activities
 - (D) Public bath

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35. Leonardo Da Vinci practiced all the
(A) Sociologist, Arts, Architecture
(B) Arts, Planner, Inventor
(C) Geographer, Artist, Inventor
(D) Philosopher, Arts & Architecture
36. After the fire of 1666 who proposed a monumental plan for the rebuilding of London ?
(A) Leonardo Da Vinci
(B) King Louis XV
(C) Bernini
(D) Christopher Wren
37. 'Forbidden city' term used to refer city.
(A) Greek
(B) Roman
(C) China
(D) Egypt
38. Population Density means
(A) No. of house per acre/sq.km
(B) No. of population per house/city
(C) No. of population per acre/sq.km
(D) Total population
39. The magic word "Make no little plan" said during Columbian Exposition.
(A) Daniel Burnham
(B) William Morris
(C) George -- Eugene Haussmann
(D) John Ruskin
40. In 1892, "The outlook tower" in Edinburgh found by
(A) Ebenezer Howard
(B) Patrick Geddes
(C) Engels
(D) Benjamin Disraeli
41. Zoning means
(A) The legal regulation of the use of Land.
(B) The legal regulation of the use of Building.
(C) The division of use of Land.
(D) Characteristic of Land.
42. 'The right of way' means
(A) Access to building
(B) Access to property
(C) Access to road
(D) Access to public-space

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43. Cul-De-Sac means
(A) T-Junction
(B) Loop street
(C) One way
(D) Dead end street
44. In 1882 'The linear city' idea introduced by
(A) Soria Y. Mata
(B) Tony Garnier
(C) Raymond Unwin
(D) Frank Loyd Wright
45. CIAM means
(A) Congress of International Architects Modern
(B) Congress of International Modern Architects
(C) International Congress of Architects Modern
(D) International Congress of Modern Architects
46. Concentration versus congestion argued by
(A) Frank Loyd Wright
(B) Le Corbusier
(C) Raymond Unwin
(D) Abererombie
47. Pharaohs of Egypt created their symbol of unity
(A) the Pyramid
(B) the Agora
(C) the Plaza
(D) the Temple
48. The book written by Edward De Bono
(A) Fountain Head
(B) Lateral Thinking
(C) Architecture of the city
(D) Pattern Language
49. India gate located in
(A) Delhi
(B) Mumbai
(C) Ahmedabad
(D) Chandigarh
50. The expansion of FSI is
(A) Floor Service Index
(B) Floor Structure Index
(C) Floor Space Index
(D) Floor Standard Index

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PART – 2

Each question carries two marks.

(25 × 2=50)

51. Match the style with the city :

- | | |
|-------------|-------------|
| P. Hoysala | 1. Banavasi |
| Q. Kadamba | 2. Belur |
| R. Bahamani | 3. Tanjore |
| S. Chola | 4. Gulbarga |

- (A) P-2, Q-1, R-4, S-3
(B) P-1, Q-3, R-4, S-2
(C) P-2, Q-4, R-1, S-3
(D) P-3, Q-2, R-1, S-4

52. Match the building with Dynasty :

- | | |
|------------------|-------------------------------|
| P. Khiljis | 1. Ibrahim Rouza |
| Q. Tughlaqs | 2. Qutb Complex |
| R. Slave Dynasty | 3. Firuz Shah Kotla |
| S. Bahamani | 4. Quwwat – ul – islam mosque |

- (A) P-1, Q-3, R-4, S-2
(B) P-2, Q-3, R-4, S-1
(C) P-4, Q-1, R-3, S-2
(D) P-1, Q-2, R-3, S-4

53. Match the temple with city :

- | | |
|---------------------------------|-----------------------|
| P. Meenakshi Temple | 1. Belur |
| Q. Chennakeshava Temple | 2. Thiruvananthapuram |
| R. Brihadeshwara Temple | 3. Madhurai |
| S. Sri Ananthapadmanabha Temple | 4. Tanjore |

- (A) P-4, Q-3, R-2, S-1
(B) P-2, Q-4, R-3, S-1
(C) P-3, Q-1, R-4, S-2
(D) P-1, Q-3, R-4, S-2

54. Match the public space with the city :

- | | |
|---------------------------|--------------|
| P. Piazza Del Campidoglio | 1. Mumbai |
| Q. Chandani Chowk | 2. Rome |
| R. Sabarmati River Front | 3. Delhi |
| S. Gateway of India | 4. Ahmedabad |

- (A) P-3, Q-2, R-1, S-4
(B) P-2, Q-3, R-4, S-1
(C) P-4, Q-1, R-3, S-2
(D) P-1, Q-4, R-2, S-3

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55. Match the following Book with Author :

- | | |
|---|--------------------------|
| P. Oregon Experiment | 1. Gallion & Eisner |
| Q. The urban pattern city planning and design | 2. Christopher Alexander |
| R. Highway and the city | 3. Jane Jacobs |
| S. The economy of cities | 4. Louis Mumford |

- (A) P-4, Q-2, R-1, S-3
(B) P-3, Q-4, R-2, S-1
(C) P-2, Q-1, R-4, S-3
(D) P-1, Q-3, R-2, S-4

56. Match the Buildings with Architects :

- | | |
|---------------------------|-----------------------------|
| P. The Gherkin, London | 1. Santiago Calatrava |
| Q. Olympic Stadium Athens | 2. Prof. Neelakanta Chaya |
| R. CEE Ahmedabad | 3. Charles Correa |
| S. Kala Academy Goa | 4. Norman Foster & Partners |

- (A) P-4, Q-1, R-2, S-3
(B) P-3, Q-2, R-1, S-4
(C) P-1, Q-2, R-3, S-4
(D) P-2, Q-4, R-1, S-3

57. Match the period :

- | | |
|--------------------------|-----------------------|
| P. Late Neolithic period | 1. CA 3000 – 2000 BCE |
| Q. Early Bronze period | 2. CA 1200 BCE |
| R. Iron Age II | 3. CA 1000 – 586 BCE |
| S. Iron Age | 4. CA 5000 – 200 BCE |

- (A) P-3, Q-4, R-1, S-2
(B) P-1, Q-3, R-2, S-4
(C) P-4, Q-1, R-2, S-3
(D) P-2, Q-3, R-4, S-1

58. Match the Traditional House type to place :

- | | |
|--------------|--------------|
| P. Rajasthan | 1. Agrahara |
| Q. Karnataka | 2. Pole |
| R. Gujarat | 3. Naamkettu |
| S. Kerala | 4. Haveli |

- (A) P-3, Q-2, R-1, S-4
(B) P-4, Q-1, R-2, S-3
(C) P-1, Q-4, R-2, S-3
(D) P-2, Q-3, R-4, S-1

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59. Identify elements of Doric Order
- (A) Cornice, Capital, Shaft, Base
- (B) Cornice, Volute capital, Fluted shaft, Plinth
- (C) Cornice, Dentils, Egg-and-dart-Echinus, Base
- (D) Cornice, Capital, Fluted shaft, Plinth

60. Identify the one suits
- (A) Pharoah calendar, Jewish calendar, Babylonian calendar
- (B) Egyptian calendar, Kushan calendar, Babylonian calendar
- (C) Egyptian calendar, Jewish calendar, Babylonian calendar
- (D) Egyptian calendar, Jewish calendar, Sharada calendar

61. Match the following :
- | | |
|------------------------|-----------|
| P. Masada | 1. Rome |
| Q. Temple of Mars | 2. Turkey |
| R. Basilica of Pompeii | 3. Israel |
| S. Temple of Apollo | 4. Italy |
- (A) P-3, Q-1, R-4, S-2
- (B) P-1, Q-3, R-4, S-2
- (C) P-3, Q-2, R-4, S-1
- (D) P-2, Q-4, R-3, S-1

62. Match the Rock cut Architecture :
- | | |
|----------------------|---------------------|
| P. Tomb | 1. Bhaja, India |
| Q. Buddhist Chaityas | 2. Tiermes, Spain |
| R. House | 3. Thebes, Egypt |
| S. Hindu temple | 4. Elephanta, India |
- (A) P-2, Q-1, R-3, S-4
- (B) P-3, Q-1, R-2, S-4
- (C) P-1, Q-3, R-4, S-2
- (D) P-4, Q-2, R-3, S-1

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63. Match the Architects & their work :

P. Gandhi Ashram 1. Louis Kahn

Q. Sangath 2. Eero
 Saarinen

R. Salk Institute 3. Charles
 Correa

S. JFK International 4. B. V. Doshi
 Airport

(A) P-1, Q-3, R-4, S-2

(B) P-4, Q-2, R-1, S-3

(C) P-2, Q-4, R-3, S-1

(D) P-3, Q-4, R-1, S-2

64. Two types of Natural Land Forms are

(A) Hills & Ridges

(B) Shops and School

(C) Playground and Lake

(D) Waterbody and School

65. Two natural factors to be considered under site development.

(A) Concept and Design Approach

(B) Physiography and Wild life

(C) Culture and Economy

(D) Traffic & Transit

66. Two factors that decides building Plinth Area.

(A) FAR and ground coverage

(B) Set back and ground coverage

(C) Set back and total Height of building

(D) FAR and Set back

67. 'Mutation corridor zones means

(A) High-tech industrial zones

(B) 500 mts radially around metro station

(C) Radial corridor and main Arteris/Corridors of the city

(D) Residential Level Road Network

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68. Match the colour to the respective Land use :

- P. Yellow 1. Industry
Q. Red 2. Transportation
R. Purple 3. Residential
S. Orange 4. Public & Semi-public

- (A) P-4, Q-3, R-2, S-1
(B) P-1, Q-2, R-3, S-4
(C) P-2, Q-4, R-3, S-1
(D) P-3, Q-4, R-1, S-2

69. Following Land are permissible in Agricultural Land zone (AG). Choose the right one.

- (A) Agro processing unit, burial ground, power plant
(B) Brick kilns, poultry farm, industry
(C) Cultural building, burial ground, multi unit residential building
(D) Dairy, power plants, commercial

70. Identify suitable one

- (A) Hot Humid, Courtyard, Sloped Roof
(B) Hot Dry, Sparsely Developed, Dense forest
(C) Desert climate, Dense forest, Jharokhas
(D) Hot Humid, Compact development, Agricultural activity

71. Identify the one shares common

- (A) Chandigarh, New Delhi, Gandhinagar
(B) New Delhi, Bhuvaneshwar, Bangalore
(C) Bhuvaneshwar, Madhurai, Cochin
(D) Hyderabad, Mangalore, Indore

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72. Amalgamation of land means

- (A) Setback
- (B) Additional FAR
- (C) Division of plots
- (D) Combining two or more plots as single plot

73. In Land use plan, park and open space means

- (A) Residence and Parks
- (B) Waterbody and Parks
- (C) Commercial and Drainage
- (D) Industrial and Playground

74. 'Gramthana' means

- (A) New settlement and Police station
- (B) Village with waterbody
- (C) Waterbody and residence
- (D) Old village settlement as ear marked in the revenue survey map

75. Identify permissible land use under public & semi-public use

- (A) Government owned building, Health, Education
- (B) Bank, Open space, Commercial
- (C) Sports, Transportation, Education
- (D) Open space, Bank, Heath

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Space For Rough Work

