

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

Booklet Serial No. :

TEST BOOKLET

ASSTT. ARCH./2015

Time Allowed : 2 Hours]

[Maximum Marks : 100

All questions carry equal marks.

INSTRUCTIONS

1. Immediately after the commencement of the examination, you should check that test booklet does not have any unprinted or torn or missing pages or items, etc. If so, get it replaced by a complete test booklet.
2. Write your Roll Number only in the box provided alongside. Do not write anything else on the Test Booklet.
3. This Test Booklet contains 100 items (questions). Each item comprises four responses (answers). Choose only one response for each item which you consider the best.
4. After the candidate has read each item in the Test Booklet and decided which of the given responses is correct or the best, he has to mark the circle containing the letter of the selected response by blackening it completely with Black or Blue ball pen. In the following example, response "C" is so marked :

(A) (B) ● (D)
5. Do the encoding carefully as given in the illustrations. While encoding your particulars or marking the answers on answer sheet, you should blacken the circle corresponding to the choice in full and no part of the circle should be left unfilled.
6. You have to mark all your responses ONLY on the ANSWER SHEET separately given according to 'INSTRUCTIONS FOR CANDIDATES' already supplied to you. *Responses marked on the Test Booklet or in any paper other than the answer sheet shall not be examined.*
7. All items carry equal marks. Attempt all items. Your total marks will depend only on the number of correct responses marked by you in the Answer Sheet. There will be no negative marking.
8. Before you proceed to mark responses in the Answer Sheet fill in the particulars in the front portion of the Answer Sheet as per the instructions sent to you.
9. After you have completed the test, hand over the Answer Sheet to the Invigilator.

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P.T.O.

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1. What are arcades ?
 - (A) Open frameworks, usually of wood or lattice
 - (B) Several arches
 - (C) The ideal landscape
 - (D) Lower portion of an entablature

2. What is an arcadia ?
 - (A) Open frameworks, usually of wood or lattice
 - (B) Several arches
 - (C) The ideal landscape
 - (D) Lower portion of an entablature

3. Which is the 17th century style of art and architecture that is characterized by both the dramatic and ornate whether in reference to art, sculptures, or landscaping ?
 - (A) Classical
 - (B) Neoclassical
 - (C) Baroque
 - (D) Romanticism

4. What does the Buddhist term Vihara mean ?
- (A) Pleasure garden of a monastic precinct
 - (B) Any sacred place
 - (C) Journey to heaven
 - (D) A long, fertile valley
5. The Garden à la française style has its origins in :
- (A) Char Bagh
 - (B) Italian Renaissance Gardens
 - (C) English Landscape Gardens
 - (D) Zen Gardens
6. Which of these is an example of Garden à la française style ?
- (A) Villa d'Este
 - (B) Gardens of Versailles
 - (C) Boboli Gardens
 - (D) Villa Lante

7. Where is the Villa Lante located ?
- (A) France (B) Italy
(C) Spain (D) Greece
8. What was the name of the first full time landscape architecture firm in the United States ?
- (A) Homested (B) Fairsted
(C) Headested (D) Botelsted
9. What is the plant life, most often trees, that are planted strategically in gardens to achieve some type of picturesque visual effect known as ?
- (A) Clump (B) Coffer
(C) Colonnade (D) Contour
10. The management and the study of the science of land, most usually agricultural or rural land is known as what ?
- (A) Agrinomy (B) Agronomy
(C) Agricultonomy (D) Agraronomy

11. A line, plane or volume that, by its continuity and regularity, serves to gather, measure and organize a pattern of form and spaces called :

(A) Axis

(B) Datum

(C) Grid

(D) Vertex

12. A unifying movement characterized by a patterned repetition or alteration of formal elements or motifs in the same or a modified form is :

(A) Hierarchy

(B) Symmetry

(C) Rhythm

(D) Transformation

13. can also be established simply by a symmetrical arrangement of form and spaces.

(A) Axis

(B) Symmetry

(C) Hierarchy

(D) Rhythm

14. How many fundamental types of symmetry are there ?
- (A) One (B) Two
(C) Three (D) Four
15. Proper or harmonious relation of one part to another or to the whole refers to :
- (A) Scale (B) Proportion
(C) Size (D) Form
16. Le Corbusier's proportioning system, the Modular based on :
- (A) Mathematics (B) Human body
(C) Both (A) and (B) (D) None of these
17. The basic unit of dimension in the Greek and Roman order :
- (A) Height of column (B) Diameter of column
(C) Shaft dimension (D) Capital dimension

18. Unique visual emphasis can be achieved by endowing a form or shape with :

- (A) Exceptional size
- (B) A unique shape
- (C) A strategic location
- (D) All of the above

19. Which of the following is *not* correct for the given statement :

Progressive, reverberating patterns of form and spaces can be organized in the following ways.

- (A) In a radial or concentric manner about a point.
- (B) Randomly in a chaotic manner.
- (C) Sequentially according to size in a linear fashion.
- (D) Randomly but related by proximity as well as similarity of form.

20. Measurement of the size and proportions of the human body refers to :
- (A) Orthomerty (B) Anthropometry
(C) Algonometry (D) Geometry
21. Spaces grouped by proximity or the sharing of a common visual trait or relationship known as :
- (A) Linear organization (B) Clustered organization
(C) Grid organization (D) Radial organization
22. A balanced distribution and arrangement of equivalent forms and spaces on opposite sides of a dividing line or plane or about a central :
- (A) Axis (B) Symmetry
(C) Radial (D) Hierarchy
23. Which of these are the fundamental type of symmetry.
- (A) Bilateral symmetry (B) Radial symmetry
(C) Both of these (D) None of these

24. The visual property of an object dependent on a combination of reflective and absorbed light from the spectrum; includes the properties of hue, value, intensity and brightness.
- (A) Color (B) Texture
(C) Fabric (D) Space
25. The combination of lines, shapes, and/or colors in a consistent, orderly or respective motif.
- (A) Fabric (B) Pattern
(C) Rhythm (D) Shape
26. The golden ratio in architecture is equal to :
- (A) 1.514 (B) 1.618
(C) 0.618 (D) 6.180
27. Which of these *not* implies to hierarchy of a space ?
- (A) Size (B) Shape
(C) Sustainability (D) Placement

28. Which of these is a theory of proportion ?
- (A) Golden section (B) Symmetry
(C) Pattern (D) Rhythm
29. The movements in various forms of art and design, especially visual art, where the work is stripped down to its most fundamental feature defines :
- (A) Hierarchy (B) Minimalism
(C) Rhythm (D) Monotony
30. The physical configuration and features of the site, area or region :
- (A) Tetrastyle (B) Topography
(C) Technology (D) Typology
31. What does C.P.R. stand for in green building ?
- (A) Cumulative production rate
(B) Carbon print rating
(C) Carbon performance rating
(D) Cumulative performance rate

32. Which one of the following buildings is *not* platinum rating ?

(A) CII-Godrej Green Business Centre—Hyderabad

(B) ITC-Green Centre—Gurgaon

(C) Grundforce Pumps India Pvt. Ltd—Chennai

(D) Wipro Technology—Gurgaon

33. There are primary passive solar energy configurations.

(A) Four

(B) Five

(C) Six

(D) Seven

34. Which one of these is *not* a passive solar energy configuration ?

(A) Indirect solar gain

(B) Heat storage

(C) Insulation and glazing

(D) Active cooling

35. What does SRI stand for ?

(A) Surface reflection index

(B) Sound reduction index

(C) Solar reflection intensity

(D) Sound reduction intensity

36. The elementary method allows a max. combined area called the standard provision area, which is equal to %.

(A) 26

(B) 33

(C) 25

(D) 30

37. Which of the following is *not* a sound absorber ?

(A) Glasswool

(B) Stone wool

(C) Fabric

(D) Marble

38. Arrange the following in increasing order of travelling speed of sound

(a) Brick

(b) Glass

(c) Steel

(d) Concrete

(A) (a) < (b) < (c) < (d)

(B) (d) < (b) < (a) < (c)

(C) (a) < (d) < (c) < (b)

(D) (d) < (a) < (b) < (c)

39. Which of the following frequency ranges is heard by the humans ?

(A) 20-20,000 Hz

(B) 40-40,000 Hz

(C) 400-40,000 Hz

(D) 0-20 Hz

40. In hot-dry climates the fenestration should be oriented

(A) North

(B) South

(C) East

(D) West

1. An early and typical example that exhibits the essential features of class or a group and on which later stages are based or judged is called :
- (A) Symmetrical (B) Tentative
(C) Prototype (D) Asymmetrical
12. A series of regularly spaced columns supporting an entablature and usually one side of the roof structure is known as :
- (A) Colonnade (B) Corbel
(C) Courtyard (D) Cornice
43. For clustered organization which of these statements stands **false** ?
- (A) This pattern is similar to that of centralized organization but it lacks the latter's compactness and geometrical regularity.
- (B) Spaces can be organized about a point of entry to a building.
- (C) The central space is generally regular in form.
- (D) A clustered organization can also accept within its composition spaces that are dissimilar in size, form and function but related to another by proximity.

44. The size or proportion an element appears to have relative to other elements of known assumed size is called :
- (A) Mechanical scale (B) Visual scale
(C) Symmetry (D) Rhythm
45. When we refer to size of project in the context of the city, we say :
- (A) Urban scale (B) Street scale
(C) Visual scale (D) Human scale
46. Opposition or juxtaposition of dissimilar elements in a work of art to intensifies each element's properties and produce a more dynamic expressiveness :
- (A) Color (B) Context
(C) Contrast (D) Corbel
47. What does CBD stand for ?
- (A) Central Business Department
(B) Central Business District
(C) Central Bureau of Development
(D) Centre for Business Development

48. Water would absorb about as much heat as concrete for the same rise of temperature.
- (A) Some (B) Twice
(C) Three times (D) Four times
49. Water bodies should be best avoided in :
- (A) Hot-dry climate
(B) Warm-humid climate
(C) Hot climate
(D) Cold climate
50. The amount of direct radiation received on the street (and to an extent, on the lower floor) is determined by :
- (A) Sun-path (B) Street-width
(C) Building typology (D) Street pattern

51. What does ASHRAE stand for ?

(A) American Society of Heating, Refrigerating and Air-conditioning Engineers Inc.

(B) Australian Society of Heating, Refrigerating and Air-conditioning Engineers Inc.

(C) American Society of Heating, Refrigerating and Air-cleaning Engineers Inc.

(D) Australian Society of Heating, Refrigerating and Air-cleaning Engineers Inc.

52. What does 'GRIHA' stand for ?

(A) Green Rating for Integrated Habitat Assessment.

(B) Green Rating for Indian Habitat Assessment.

(C) Green Ratio for Individual Human Activity.

(D) General Rating for Integrated Habitat Assessment.

53. GRIHA includes total criteria :

(A) 26

(B) 36

(C) 30

(D) 34

54. How many points does it get for "innovation" in GRIHA RATING SYSTEM ?

(A) 7

(B) 3

(C) 4

(D) 1

55. Which of the following does *not* come under GRIHA innovation points ?

(A) Alternative transportation

(B) Company policy or green supply chain

(C) Enhanced accessibility for physically/mentally challenged

(D) Reduce landscape water requirements

56. The volumetric limits of the building form that will receive solar exposure in the specified times and will not cast any shadow on its surroundings beyond its site is termed as :
- (A) Building Envelope (B) Solar Envelope
(C) Solar Mass (D) Shadow Envelope
57. Which of the following is *not* a natural way of ventilation in building ?
- (A) Stack effect (B) Heat island effect
(C) Single-sided ventilation (D) Cross-ventilation
58. Humans can survive only if their deep body temperature is around :
- (A) 25-30 degree celsius (B) 35-40 degree celsius
(C) 45-50 degree celsius (D) 40-45 degree celsius
59. The ratio of the daylight illuminance in the building to that outside is termed as :
- (A) Solar intensity (B) Illuminance factor
(C) Daylight factor (D) Lux level

60. LEED stands for :

- (A) Leadership in Energy and Environmental Design
- (B) Low Energy Efficient Design
- (C) Limited Energy Efficient Design
- (D) Low Environment Efficient Design

61. Who said this ?

'It is only in the present century that the collective landscape has emerged as a social necessity. We are promoting a landscape art on a scale never conceived of in history'.

- (A) Jane Jacobs
- (B) Rebecca Solnit
- (C) Sir Geoffrey Jellicoe
- (D) Dr. Lakshmi Unnithan

62. What is considered to be the world's oldest masterpiece of landscape architecture ?
- (A) Queen Hatshepsut's Temple
 - (B) Bora Bora
 - (C) Stonehenge
 - (D) Machu Pichu
63. Who is said to have pioneered the landscape architecture of greenspace in cities ?
- (A) Frederick Law Olmsted
 - (B) Robert Allerton
 - (C) Russel Page
 - (D) Dan Kiley
64. Who is considered the father of American Landscape Architecture ?
- (A) Edward James
 - (B) Ezra Cornell
 - (C) Frederick Law Olmsted
 - (D) Percy Stephen Crane

65. Who co-designed New York City's Central Park ?
- (A) Kate Sessions (B) Mama Cass Elliot
(C) Calvert Vaux (D) Rachel Lambert Mellon
66. Who is the ancient Egyptian God of vegetation ?
- (A) Osiris (B) Amun-Re
(C) Nut (D) Geb
67. The Enclosed Style was deposed in the
- (A) 1690s (B) 1790s
(C) 1890s (D) 1990s
68. In 1692, who published the essay *Upon the Gardens of Epicurus* ?
- (A) Sir William Temple (B) Brigham Young
(C) Claude Desgotz (D) Robert Allerton

69. Who wrote the 1901 book on *The Art and Craft of Garden Making* ?

(A) Jacques Boyceau

(B) Thomas Mawson

(C) Fletcher Steele

(D) Maya Lin

70. What is the Pope's *First Law of Landscape Planning and Design* ?

(A) Any land use in the care of a specialist profession tends towards a selfish disregard for other land users.

(B) Dream it and you can do it

(C) Consult the genius of the place

(D) It is kind of fun to do the impossible

71. Who was the sole woman in the founding group of landscape architects ?

(A) Gertrude Jekyll

(B) Martha Schwartz

(C) Beatrix Farrand

(D) Florence Yoch

72. In China, landscape planning originated with :
- (A) Yin Yang (B) Tai Chi
(C) Li Shu (D) Feng Shui
73. What does Vastu Shastra translate into ?
- (A) Science of Construction
(B) Science of the Gods
(C) Construction of the Gods
(D) Art of Construction
74. ISOLA stands for :
- (A) Indian Society of Landscape Architects
(B) International Society of Landscape Architects
(C) Integrated Society of Landscape Architects
(D) Indian Standard of Landscape Architecture

75. Architect of Lotus Temple is

(A) Edwin Lutyen

(B) Ravindra Bhan

(C) Mhd. Shafi

(D) Fariburz Sahba

76. What does Feng Shui translate into ?

(A) Wind and Water

(B) Wind and Fire

(C) Fire and Water

(D) Wind and Earth

77. In Europe, the history of landscape planning can be traced to the work of :

(A) Vitruvius

(B) Vesuvius

(C) Michelangelo

(D) Romareto

78. Who is the landscape architect of Shakti Sthal ?

(A) Ram Sharma

(B) Ravindra Bhan

(C) Mhd. Shahir

(D) Mhd. Shafi

79. Who is the president of ISOLA ?

(A) Rohit Marol

(B) Savita Punde

(C) Dr. Bhagwat

(D) Ravindra Bhan

80. Which one of the following is a man-made element in landscape architecture ?

(A) Air Quality

(B) Plant Material

(C) Lighting

(D) Soil

81. Which district of HP shares Chur Peak with Shimla District ?

(A) Kinnaur

(B) Solan

(C) Sirmaur

(D) Mandi

82. In which Tehsil of Mandi District is Kamru Nag temple ?

(A) Chachiot

(B) Sundernagar

(C) Jogindernagar

(D) Sarkaghat

83. In which of the following rivers is trout fish found ?
- (A) Pabbar (Rohru) (B) Uhal (Barot)
- (C) Baspa (Kinnaur) (D) All of these
84. If you travel from Hamirpur to Una in Himachal Pradesh, what will be the *correct* order of places on the way ?
- (A) Badsar—Bangana—Lathiani—Thanakalan
- (B) Lathiani—Thanakalan—Bangana—Badsar
- (C) Badsar—Lathiani—Bangana—Thanakalan
- (D) Lathiani—Badsar—Thanakalan—Bangana
85. At which place in Solan District of Himachal Pradesh is HP University of Horticulture and Forestry located ?
- (A) Kiarighat (B) Oachghat
- (C) Shallaghat (D) Kandaghat

36. Which region was given as Jagir to Raja Ranbir Chand of Kangra by Maharaja Ranjit Singh around 1846 ?
- (A) Pathiyar and Kharot
 - (B) Solahsingi and Chaumukhi
 - (C) Tihra Sujanpur
 - (D) Mahal Morian
87. What is the capacity of Bhabha Hydel Project ?
- (A) 120 MW
 - (B) 135 MW
 - (C) 155 MW
 - (D) 185 MW
88. What category of women are covered in H.P. under the Vishesh Mahila Utthan Yojana ?
- (A) Widows
 - (B) Destitute women
 - (C) Women in moral danger
 - (D) Handicapped women

89. At which place in Sirmaur District of H.P. is Ayurvedic Pharmacy ?
- (A) Puruwal (B) Badaul
- (C) Majra (D) Shayya
90. How many villages of Rampur Tehsil of Mahasu District were included in Kinnaur District on its creation in 1960 ?
- (A) 14 (B) 9
- (C) 7 (D) 6
91. What is the most prominent creation of Cartoonist R. K. Laxman ?
- (A) Common man (B) Pusy cat
- (C) Teady Bear (D) Chacha Chaudhary
92. In which state of India is Patrattu Power Plant ?
- (A) Bihar (B) Kerala
- (C) Jharkhand (D) Odisha

93. By what popular name is Chivang Narfail called ?
- (A) Snowman of Kashmir
 - (B) Glacierman of Laddakh
 - (C) Mountainman of Himalayas
 - (D) Ice skater of Shimla
94. Who won the 2014 Haryana Vidhan Sabha elections by a margin of only three votes ?
- (A) Jai Tirath Dahiya
 - (B) Ravinder
 - (C) Krishan Kumar
 - (D) Tek Chand Sharma
95. Where did Dr. B. R. Ambedkar start his Mahar Satyagraha ?
- (A) Kolhapur
 - (B) Latur
 - (C) Ratnagiri
 - (D) Amravati
96. Who is Recep Tayyip Erdogan ?
- (A) President of Turkey
 - (B) King of Swaziland
 - (C) President of Sudan
 - (D) President of Nauru

97. When did two Russian cosmonauts and one American astronaut return to earth after spending nearly six months in space ?
- (A) March 7, 2015 (B) March 12, 2015
(C) March 19, 2015 (D) April 15, 2015
98. Mahatma Gandhi's statue was unveiled in Parliament Square, London in March 2015. Who are others whose statues are also there ?
- (A) Nelson Mandela (B) Winston Churchill
(C) Abraham Lincoln (D) All of these
99. Who won the First Asia Cup Football title in January, 2015 ?
- (A) South Korea (B) Australia
(C) Iran (D) Japan
100. Who was named 'Cricketer of the Year' by the ICC in November, 2014 ?
- (A) Mahender Singh Dhoni (B) Kumar Sangakkara
(C) Mitchell Johnson (D) A. B. de Villiers