

1. **A wide road or pathway lined with trees on either side-**
 - 1) Corridor
 - 2) Street
 - 3) Avenue
 - 4) Entrance
2. **The planting material that forms a carpet of low height and these plants are usually installed as the final part of landscape construction.**
 - 1) Ground cover
 - 2) Shrub
 - 3) Paver block
 - 4) Foliage
3. **A concrete or stone edging along a pathway-**
 - 1) Wall
 - 2) Kerb
 - 3) Partition
 - 4) Divider
4. **The ratio of golden rectangle is:**
 - 1) 1 : 1.614
 - 2) 1 : 1.618
 - 3) 1 : 1.69
 - 4) 1 : 1.60
5. **A plant that is not native to the area in which it is planted is known as-**
 - 1) Egress
 - 2) Exotic
 - 3) Foliage
 - 4) Buffer
6. **"Space" is represented by-**
 - 1) Shape
 - 2) Length, breath
 - 3) X-axis, Y-axis
 - 4) Solid & void
7. **One of the best example of the modern town planning in India is _____.**
 - 1) Mumbai
 - 2) Chandigarh
 - 3) Gandhi Nagar
 - 4) Bangalore
8. **Which section of the Land Acquisition Act 1894 deals with the costs?**
 - 1) Section 26
 - 2) Section 27
 - 3) Section 25
 - 4) Section 47
9. **The British Parliament paned a series of _____ for the improvement of drainage, water supply, lighting, ventilation etc.**
 - 1) Housing by - laws
 - 2) Regulations
 - 3) Health Acts
 - 4) Traffic requirements
10. **Minimum population of metropolitan city is:**
 - 1) 1,00,000
 - 2) 1,00,00,000
 - 3) 10,00,000
 - 4) 5,00,000
11. **The first Act of Parliament in Britain on Town planning was enacted in which year?**
 - 1) 1919
 - 2) 1909
 - 3) 1894
 - 4) 1920
12. **Selecting samples at random without any criteria to select the samples is called -**
 - 1) Simple random sampling
 - 2) Systematic random sampling
 - 3) Stratified random sampling
 - 4) Clustered random sampling

13. Comprehensive long range plan intended to guide growth and development of a city is:

- 1) Detailed development plan
- 2) Master plan
- 3) Structure plan
- 4) Action plan

14. Who prepared Town planning schemes before 1971?

- 1) The Chennai Corporation
- 2) The directorate of Town and Country planning
- 3) City Improvement Trust
- 4) The Tamil Nadu Housing Board

15. The minimum head room / clear height for car parking areas as per the development regulation is:

- 1) 2.1 m
- 2) 2.4 m
- 3) 2.7 m
- 4) 3.0 m

16. Parks and Burgess theory 1925 postulates that a city grows in _____.

- 1) A linear pattern
- 2) A concentric circular pattern
- 3) An arbitrary Way
- 4) In a sectoral pattern

17. Ekistics is the-

- 1) Study of Human relationship
- 2) Study of Human Behaviour
- 3) Study of Science of Human settlements
- 4) Study of Science of sound

18. _____ are carried out by looking for facts and record the original field works on the spot.

- 1) Land Surveys
- 2) Secondary Surveys
- 3) Primary Surveys
- 4) Territorial Surveys

19. Which of the following is NOT a part of the scales of questionnaires?

- 1) Nominal
- 2) Ordinal
- 3) Interval
- 4) British

20. One of the following is NOT a planning region of Tamil Nadu.

- 1) Coimbatore region
- 2) Madurai region
- 3) Vellore region
- 4) National Capital Region

21. Normal "Plan period" of a master plan is:

- 1) 1 Year
- 2) 20 years
- 3) 100 years
- 4) 5 - 10 years

22. Community participation is often mistaken to mean -

- 1) Cooperation from the people
- 2) Involvement of the target population
- 3) Contribution by the intended beneficiaries
- 4) Use of Mass Media of communication

23. In Christaller's "Central place theory" $K = 7$ means?

- 1) Market function
- 2) Administrative function
- 3) Residential function
- 4) Community services function

24. The standard "A0" paper size is:

- 1) 841 mm X 1189 mm
- 2) 594 mm X 841 mm
- 3) 594 mm X 420 mm
- 4) 297 mm X 210 mm

25. Size of a neighbourhood revolves around -

- 1) Number of adjacent industries
- 2) Population required to support elementary school
- 3) Available agricultural land area
- 4) Availability of open spaces

26. Match the Urban planning theories in Group I with their Proponents in Group II

Group - I		Group - II	
P) Sector theory		1) Walter Christaller	
Q) Multiple Nuclei theory		2) Clarence Perry	
R) Neighbourhood theory		3) Ebenezer Howard	
S) Central place theory		4) Harris & Ullman	
		5) Homer Hoyt	
	P	Q	R
A.	1	4	5
B.	4	2	3
C.	5	1	2
D.	5	4	2

27. A sector has a gross density of 250 persons per hectare and net density of 400 persons per hectare. If the area of the sector is 120 hectares, then the percentage of Non-residential area is:

- 1) 30
- 2) 35.5
- 3) 37.5
- 4) 40

28. Which of the following statement is true?

- 1) Depreciation is a legitimate cost of a project and should be included in a project appraisal
- 2) Changes in working capital as a result of implementing a project should be included in the project appraisal
- 3) The cost of surveys and feasibility studies incurred prior to the decision to implement a project should be included in the project appraisal, as they are the cost of the project
- 4) The effect of a new project on other parts of a business is irrelevant when trying to decide whether to go ahead with the new project

29. Chauncy Harris and Ullman 1945 conceived the concept of _____ theory.

- 1) Classical theory
- 2) Linear theory
- 3) Sector theory
- 4) Multiple Nuclei theory

30. The Science of Human settlements was brought out by _____.

- 1) Thomas Paulose
- 2) Patrick Geddes
- 3) Le Corbusier
- 4) Doxiadis

31. _____ has suggested six styles of town development and has classified the town in social order than physical terms like Eopolis to Necropolis.

- 1) Lewis Mumford
- 2) Patrick Geddes
- 3) Griffith Taylor
- 4) Christopher Alexander

32. EKISTICS is the term coined by-

- 1) Constantine Doxiadis
- 2) Lewis Mumford
- 3) Le Corbusier
- 4) Lucio costa

33. When calculating the average growth of economy, the correct mean used is:
 1) Weighted mean 2) Geometric mean
 3) Arithmetic mean 4) Harmonic mean
34. Urbanization is a way of life theory was proposed by-
 1) Louis Worth 2) Manvel Castells
 3) Max Weber 4) Lewis Mumford
35. A crude expectation of life is:
 1) The average number of complete years of life lived 2) 100 years
 3) 60 years 4) 75 years
36. The colour code to be adopted in preparing building plan to obtain building license from Corporation is given in the Chennai city Corporation building rules 1972. What is the colour to be used to indicate the existing road in the site plan?
 1) Green 2) Red
 3) Yellow 4) Black
37. How much % of extra F.S.I is allowed in the case of Information Technology (I.T) development over and above the permissible F.S.I ?
 1) 10% 2) 20%
 3) 40% 4) 50%
38. If a constant 5 is added to each observation of a set, the mean is:
 1) Increased by 5 2) Decreased by 5
 3) 5 times the original mean 4) Not affected
39. Affordability of Housing is determined by-
 1) 501 times of household's annual income 2) 3 times of annual income
 3) 20% of household's gross annual income 4) None of these
40. Empirical relationship between mean, median and mode is:
 1) Mode = Median - 2 mean 2) Mode = 3 Median + 2 mean
 3) Mode = 3 Median - 2 mean 4) Mode = Median + 2 mean
41. The Apex Ministry to deal with the issues of urban employment, poverty and housing in India is:
 1) Ministry of Labour & Employment 2) Ministry of Housing & Urban Poverty Alleviation
 3) Ministry of Urban Development 4) Ministry of Solid Justice & Employment
42. Which of the following is a correct method of adjusting for inflation when calculating net present value?
 1) Estimate the future cash flows by multiplying by the specific inflation of each cash method and overflow item and user discount using the real rate of return 2) Estimate the cash flows in real terms and use a real discount rate
 3) Estimate the cash flows in money terms and use a real discount rate 4) Estimate the cash flows in real terms and use a money discount rate

43. The profitability index is:

- 1) Gross present volume / Initial outlay
2) Gross present value / Net present value
3) Initial outlay / Gross present value
4) Net present value / Initial outlay

44. Name of the survey to determine the amount of by - passable traffic is:

- 1) Volume count
- 2) Origin - Destination survey
- 3) Moving - observer survey
- 4) Frequency patrol survey

45. Maximum practical capacity of high type of rotaries are -

- 1) 500 PCU
2) 10000 PCU
3) 3000 PCU
4) 5000 PCU

46. Match the descriptions in Group I with the terminology in Group II

Terminology in Group II			
Group - I			Group - II
P) The length of the road ahead of vehicle should be visible to enable a driver in case of an obstruction on the road	1) Visibility distance		
Q) Distance covered by vehicle from the instant driver sees an obstruction ahead and brings the vehicle to stop	2) Sighting distance		
R) Distance required for a vehicle to overtake another vehicle in same direction but at a lower speed	3) Overtaking sight distance		
	4) Cross over distance		
	5) Stopping distance		

	P	Q	R
A.	1	3	4
B.	4	3	5
C.	2	5	4
D.	2	5	3

47. The portion of a Right of way to carry vehicles is known as _____.

- 1) Road way
- 2) Path way
- 3) Carriage way
- 4) Vehicle way

48. The "Right-of-way" recommends for a Sub-arterial road as per IRC code is _____.

- 1) 50m - 60m
2) 35m - 45m
3) 45m - 60m
4) 30m - 40m

49. Indian Road Congress (IRC) was established in the year 1934, under the recommendation of-

- 1) Jayakar Committee
- 2) Sachar Committee
- 3) Rowlett Committee
- 4) Balwant Raj Metha Committee

50. The use of different map symbols to represent spatial features is called -

- 1) Cartography
2) Spectroscopy
3) Photogrammetry
4) Symbolization

51. Match List – I with List – II and choose the correct answer from the codes given below.

List - I	List - II
a) LIDAR	1) Global positioning system
b) RADAR	2) Satellite
c) INSAT	3) Microwave sensor
d) GPS	4) Remote sensing system

	a	b	c	d
A.	3	1	4	2
B.	1	4	2	3
C.	4	2	1	3
D.	4	3	2	1

52. Photographs of object taken from earth base of cameras are known as-

- 1) Terrestrial photographs
- 2) Aerial photographs
- 3) Astronomical photographs
- 4) Thermographs

53. A graph of the spectral reflectance of an object as a function of wavelength is called

- 1) Diffuse reflectance
2) Spectral reflectance curve
3) Absorption
4) Specular reflectance

54. The regional plan, the master plan or a New Town Development plan is to be prepared by -

- 1) Directorate of Town and Country planning
2) Local Planning Authority
3) Development authority
4) Appropriate planning authority

55. Identify the correct fact about vertical photographs.

- 1) They present approximately uniform scale throughout the photo
- 2) They have maximum mathematical correction
- 3) They contain more distortions
- 4) They can be easily taken for a cloudy region

56. To monitor the land-use change through remote sensing, which of the following can be used?

- 1) Photogrammetry
- 2) Lidar
- 3) Microwave sensing
- 4) Multi-temporal sensing

57. The angle which has to be acute in remote sensing is the -

- 1) Azimuth
- 2) Latitude
- 3) Bearing angle
- 4) Longitude

58. Pick out the wrongly matched pair among map types and their content.

- 1) Dot map - Point symbols
- 2) Thematic Map - Theme pattern distribution
- 3) Chloropleth Map - Pie charts
- 4) Isarithmic Map - Isolines

59. What is fiducial mask in photogrammetry?

- 1) Platform for aerial photos
- 2) Origin for image coordinate system
- 3) Sensor points
- 4) Spectral sensitivity

60. The first cartographic satellite was launched in the year?

- 1) 2004
 2) 2007
 3) 2005
 4) 2010

61. If the scale of the map is 1:50,000 then the length of the mapping units (3x3 pixels) can be calculated as:

- 1) 150 m x 150m
 2) 125m x 125m
 3) 100m x 100m
 4) 50m x 50m

62. LEED refers to-

- 1) Leadership in Energy and Environment Design
 2) Local Environmental Adherence Draft
 3) Leadership in Energy Audit
 4) Leadership in Energy and Design

63. Heat island occurs in-

- 1) Urban area
 2) Hilly area
 3) Sea shore area
 4) Desert area

64. Who is the architect of the Legislative Assembly building of Chandigarh?

- 1) Charles Correa
 2) B.V. Doshi
 3) Louis Khan
 4) Le Corbusier

65. Which one of the following is NOT the soft landscape element?

- 1) Sand and stone
 2) Water features
 3) Shrubs
 4) Furnitures

66. Besides the use of land, the height of the building and the volume of building is controlled by means of _____.

- 1) Use zoning
 2) Height zoning
 3) Area zoning
 4) High rise building zoning

67. Dissolution of planning an authority shall be notified under section _____ of Tamil Nadu Town and Country Planning Act 1971.

- 1) Section 114
 2) Section 133
 3) Section 112
 4) Section 20

68. Zoning regulation deals with-

P) Density	S) Minimum areas of rooms
Q) Land use	T) Height
R) Building materials	U) Reserved land areas
A. P,Q,T,U	
B. P,Q,R,U	
C. Q,S,U	
D. Q,R,S,T	

69. If 1 sq.cm. in a map represents 4 hectares, what is the scale of the map?

- 1) 1:40,000
 2) 1:20,000
 3) 1:4000
 4) 1:2000

70. Multi nuclei model was proposed by-

- 1) Burgess
- 2) Harris and Ullman
- 3) Zipf
- 4) Doxiodis

71. "_____" was always conceptualized as problematic in the context of polices both nationally and internationally.

- 1) Migration
- 2) Transportation
- 3) Skill
- 4) Politicians

72. A divisible project is:

- 1) One where it is impossible to undertake a fraction of the project
- 2) One where it is possible to undertake a fraction of the project
- 3) One where the initial investment funds have to be divided into very small amounts
- 4) One which may be identified with a particular division

73. _____ visited India in 1915 and advised on town planning of Vadodara, Varanasi, Bangalore etc.

- 1) Tony Garnier
- 2) F.L. Wright
- 3) Le Corbusier
- 4) Patrick Geddes

74. Carcassonne and Noerdlingen are the examples of _____ of the twelfth and thirteenth century.

- 1) Ancient cities
- 2) Medieval cities
- 3) Renaissance cities
- 4) Baroque cities

75. Valley section showing the relationship of folk, work, place was conceived by-

- 1) Patrick Geddes
- 2) Lewis Mumford
- 3) C.A. Perry
- 4) F.L. Wright

76. In 1939, Homer Hoyt, suggested _____ to overcome weakness of the concentric zone.

- 1) Multiple Nuclei concept
- 2) Sector theory
- 3) CBD concept
- 4) Linear theory

77. Sir Ebenezer Howard is associated with-

- 1) Ekistics
- 2) Neighbourhood Planning
- 3) Garden city
- 4) New town

78. "Agora" is associated with-

- 1) Roman
- 2) Greek
- 3) Indus Valley Civilization
- 4) Romanesque

79. Hippodamus advocated which of the following patten of road layout?

- 1) Grid iron
- 2) Radial pattern
- 3) Ring and radial pattern
- 4) Circular pattern

80. Base areas of any settlements are-

- 1) Homogeneous, central, circulatory, special
- 2) Central, network, building, special
- 3) Factory, entertainment, circulatory, special
- 4) Houses, streets, schools and shops

81. The first known town planner _____ has introduced the principles of straight and wide streets.

- 1) Acropolis
 2) Patrick Geddes
 3) Hippodamus
 4) Le Corbusier

82. The centre market place in Greek towns are called _____.

- 1) Forums
 2) Agoras
 3) Central business districts
 4) Squares

83. Garden city concept was developed by _____.

- 1) Ebenezer Howard
 2) Patrick Geddes
 3) Hippodamas
 4) Britishers

84. The concept of urban agglomeration was first adopted by the Census of India in:

- 1) 1961
 2) 1971
 3) 1981
 4) 1991

85. According to the principle of new urbanism, what is the ideal size of population of a city?

- 1) 25,000 - 50,000
 2) 30,000 - 50,000
 3) 50,000 - 75,000
 4) 75,000 - 1,00,000

86. Sociology is-

- 1) The study of society
 2) The study of religious groups
 3) The study of cultural groups
 4) The science of planning

87. The planning of Greek cities were based on-

- 1) Grid - iron planning
 2) Axial planning
 3) Concentric planning
 4) Combination of grid and Rectilinear planning

88. The mode of the following series 2, 3, 4, 5, 6 is :

- 1) Zero
 2) No mode
 3) 4
 4) 6

89. Which of the following is the formula for calculation of weighted arithmetic mean?

A.	$\frac{\sum wx_i}{\sum w}$
B.	$\frac{\sum xi}{\sum w}$
C.	$\frac{\sum wx_i}{n}$
D.	$\frac{\sum n}{\sum w}$

90. Who is the founder of sociology?

- 1) Talcott person
 2) August Comte
 3) Benjamin
 4) Durkhiem

91. The diagram used to depict two or more sets of inter-related, phenomenon or variables is:
- 1) Simple bar diagram
 - 2) Multiple bar diagram
 - 3) Pie diagram
 - 4) Deviation bar diagram
92. The element of design is:
- 1) Form
 - 2) Texture
 - 3) Color
 - 4) All of these
93. By 2030, the number of people living in cities will be-
- 1) 350 million people
 - 2) 400 million people
 - 3) 600 million people
 - 4) 590 million people
94. Population per unit area of land is regulated by-
- 1) Net density
 - 2) Gross density
 - 3) Density zoning
 - 4) Overall density
95. The arithmetic mean of a set of 6 numbers is 7. When a seventh number is added to the set the arithmetic mean of the seven numbers is still 7. What number was added to the set?
- 1) 6
 - 2) 7
 - 3) 8
 - 4) 9
96. Bar representing the total value is sub-divided into its different component parts is:
- 1) Pictogram
 - 2) Pie diagram
 - 3) Component bar diagram
 - 4) Percentage bar diagram
97. Find the median of the following items. 6,10,4,3,9,11,22,18
- 1) 9.5
 - 2) 19.5
 - 3) 29.5
 - 4) 9
98. The arithmetic mean, median and mode are calculated for the list 3,3,10,12. If the number 1 is added to the list, which of the following will change?
- 1) The average
 - 2) The median
 - 3) The mode
 - 4) Both average and median
99. The Madras Town Planning Act, 1920 provided for the preparation of which one of the following?
- 1) Regional plan
 - 2) Master plan
 - 3) New Town Development Plan
 - 4) Town planning schemes
100. The life table gives a summary of the mortality experience of any population group during -
- 1) Given period
 - 2) Given year
 - 3) Past year
 - 4) Current year
101. The combination of the primary colours to produce another colours is known as-
- 1) Primay colours
 - 2) Secondary colours
 - 3) Tertiary colours
 - 4) Intermediate colours

102. During British period in the year 1915 for which state in India a Town Planning Act was enacted?

- 1) Calcutta
- 2) New Delhi
- 3) Madras
- 4) Bombay

103. Before the establishment of the Tamilnadu housing Board, who was the agency created / developed housing colonies in Chennai city?

- 1) The Corporation of Chennai
- 2) The Public Work Department
- 3) City Improvement Trust
- 4) The Police Housing Corporation

104. _____ aimed at providing subsidies for construction of housing and sanitation for urban slum dwellers living below poverty line in different cities all over the country.

- 1) TMHP
- 2) NSDP
- 3) VAMBAY
- 4) ULB

105. The _____ report in 1942 went on recommending compensation and betterment aspects for the public.

- 1) Scott committee
- 2) Barlow committee
- 3) 73rd and 74th CAA
- 4) Uthwall Committee

106. A street primarily meant for through traffic usually on continuous route is:

- 1) Local street
- 2) Collector street
- 3) Other district road
- 4) Arterial street

107. Urban Basic Scene for Poor (UBSP) is a major components as well as the pivot of:

- 1) Urban poverty eradication program
- 2) Urban development program
- 3) Urban renewal
- 4) Urban rehabilitation

108. Swarnajayanthi Gram Swarozgar Yojana (SGSY) is targeted for the people-

- 1) APL
- 2) BPL
- 3) MIG
- 4) HIG

109. Squatter settlements are-

- 1) Slum settlements
- 2) Poor infrastructure facilities
- 3) Unhygienic living environment
- 4) Unauthorised settlement at private and public land

110. The population aspects of the town under consideration are studied in a type of survey known as:

- 1) Territorial survey
- 2) Vital survey
- 3) Social survey
- 4) Functional survey

111. When due to attraction of new opportunities, people migrate to the town, it is known as-

- 1) Pull factor of migration
- 2) Push factor of migration
- 3) Emigration
- 4) Immigration

112. Which of the following comes closest to the term "over urbanization"?

- 1) Rapid urbanization
- 2) Urbanization at the cost of rural development
- 3) Urbanization without the essential infrastructure
- 4) Emergence of Megalopolis

113. Social constitution is-

- 1) An established procedure that regulates human behaviour
- 2) A place where social functions are organized
- 3) An organization where social functions are formally defined
- 4) An organization that administers social service

114. The head quarters of ISRO is located in:

- 1) New Delhi
- 2) Hyderabad
- 3) Ahmedabad
- 4) Bengaluru

115. A comparatively narrow street with a dead end is known as the _____.

- 1) Pedestrian street
- 2) Cul-de-sac street
- 3) Local street
- 4) Neighbourhood street

116. The process of correction for tilt in aerial photographs is called-

- 1) Vectorization
- 2) Rectification
- 3) Rasterization
- 4) Triangulation

117. Contour lines in a terrain map refers to the lines connecting points of equal-

- 1) Elevation
- 2) Altitude
- 3) Longitude
- 4) Z-scale

118. In the urban landuse maps, the colour code used for mixed residential zone is:

- 1) Yellow
- 2) Blue
- 3) Orange
- 4) Green

119. As per the UDPFI guide lines special areas are marked in the map as _____.

- 1) Edged in black
- 2) Edged in yellow
- 3) Edged in blue
- 4) Edged in green

120. The Tamil Nadu, Town & Country Planning Act was enacted in the year-

- 1) 1961
- 2) 1971
- 3) 1981
- 4) 1991

121. Municipality is classified on which of the following criteria?

- 1) Population
- 2) Area
- 3) Revenue
- 4) Development

122. The three dimensional field in which objects and events occur and have relative position and direction is called as:

- 1) Space
- 2) Form
- 3) Order
- 4) Plane

123. _____ is very effective in reducing heat radiation from the roof into the building.

- 1) Terrace garden system
- 2) Roof pond system
- 3) Roof shading system
- 4) Roof cover system

124. A group of families living permanently in a locality sharing common culture is denoted by the term-

- 1) Primary group
- 2) Secondary group
- 3) Community
- 4) Associational group

125. The process of accommodation is adopted in society to avoid-

- 1) Competition between people
- 2) Competition between ideologies
- 3) Conflict between equals and non-equals
- 4) Integration between the formal and the informal groups

126. Two tribes living in a geographical area may result in the mutual exchange of cultural traits and a minimization of differences. This process is called-

- 1) Adult socialization
- 2) Assimilation
- 3) Cooperation
- 4) Accommodation

127. Who first coined the term 'global cities'?

- 1) Saskia Sassen
- 2) Henri Lefebure
- 3) Michael Focult
- 4) Adam Smith

128. When an area has reached at an advanced state of deterioration with lot of problems, the drastic measures to improve the conditions with new measures is called-

- 1) Urban development
- 2) Urban conservation
- 3) Urban renewal
- 4) Urban charecterization

129. Of the following combination of theories in which combination only one CBD is visualized?

- 1) Concentric zone model and multiple nuclei model
- 2) Multiple nuclei model and sector model
- 3) Sector model and concentric zone model
- 4) Population growth and demographic model

130. Which of the following is NOT the major cause of urban problems in India?

- 1) Migration in and out of the city
- 2) Industrial growth and defective town planning
- 3) Apathy of the government and vestal interest
- 4) Lack of recreational facilities

131. The Tamil Nadu Town and Country Planning Act 1971 provides for preparation of-

- 1) Regional plan, Master plan, Town development plan and Detailed development plan
- 2) Regional plan, Metropolitan plan, Neighbourhood plan and Layout plan
- 3) Town plan, Master plan and Zonal plan
- 4) Metropolitan plan, City plan and Building plan

132. When occupancy certificate is obtained for a building?

- 1) After completion of the building as per approved plan
- 2) Pre-construction stage
- 3) During construction stage
- 4) End of construction stage

133. Gentrification is:

- 1) Redevelopment of slums
- 2) Slum clearance
- 3) Urban Renewal Concept
- 4) Heritage Conservation

134. The plan of New Delhi was prepared by whom?

- 1) Le Corbusier
- 2) Sir Edward Lutyens
- 3) Sir Patrick Geddes
- 4) Doxiadis

135. Deliberately planned and overall effort to change the urban environment by adopting comprehensive and large scale adjustment of existing city areas for securing the present and future need of city inhabitant is:

- | | |
|------------------|-----------------|
| 1) Urban renewal | 2) Slums |
| 3) CBD | 4) Obsolescence |

136. As per UDPFI guidelines, what is the colour shade for industrial area (urban) in land use plan?

- | | |
|-----------|-----------|
| 1) Green | 2) Yellow |
| 3) Violet | 4) Red |

137. The establishment of regulations limiting the use to which the land is put is called

- | | |
|-------------|----------------|
| 1) Sectors | 2) Zoning |
| 3) Planning | 4) Functioning |

138. _____ helps in controlling and reshaping the growth of major towns in the region.

- | | |
|----------------------|--------------------------|
| 1) Local planning | 2) City planning |
| 3) Regional planning | 4) Metropolitan planning |

139. Between 2001 and 2011, the number of jobs created in the country were-

- | | |
|-------------|-------------|
| 1) 10 crore | 2) 8 crore |
| 3) 12 crore | 4) 14 crore |

140. Correlation between the proportion of urban population and the percentage of population below the poverty line is:

- | | |
|----------|----------|
| 1) +0.40 | 2) +0.99 |
| 3) -0.39 | 4) -0.65 |

141. Which of the following factors has been suggested as an explanation for the lack of economic growth in many poor nations?

- | | |
|---|---|
| 1) A steady rate of capital formation | 2) The constraints imposed by dependency on the already developed nations |
| 3) The supply of human resource is too high | 4) An adequate level of social overhead capital |

142. Structuralist economists who study developing countries focus their attention on-

- | | |
|---|---|
| 1) Specific barriers to development and how to overcome them | 2) The caste or class structure and discrimination in the labour market |
| 3) The impact of international trade structures on developing countries | 4) Changes in industrial structure over time |

143. Le Corbusier is associated with planning of-

- | | |
|----------------|-------------|
| 1) Plan Voisin | 2) Brasilia |
| 3) Islamabad | 4) London |

144. Ecomenopolis is:

- | | |
|-------------------|-----------------|
| 1) Necropolis | 2) Metropolis |
| 3) Universal city | 4) Capital city |

145. Who is the founder of "Garden city" concept?

- 1) Patrick Geddes
- 2) Lewis Mumford
- 3) Sir Ebenezer Howard
- 4) Sir Patrick Abercrombie

146. Palaeolithic age, Mesolithic age and Neolithic age denote-

- 1) Historic period
- 2) Vedic period
- 3) Modern period
- 4) Pre-historic period

147. Size of an ideal city proposed by Aristotle-

- 1) 10,000
- 2) 40,000
- 3) 10,000 to 20,000
- 4) 30,000

148. When was the first census of population in Indian was carried out?

- 1) 1872
- 2) 1875
- 3) 1890
- 4) 1895

149. A carefully planned village for workmen in Egypt engaged in building a pyramid is known as-

- 1) Cairo
- 2) Kahun
- 3) Kabul
- 4) Egypt

150. The east-west axis of a Roman settlement is called-

- 1) Cards
- 2) Insula
- 3) Forum
- 4) Decumanus

151. Which one of the following is a Roman settlement?

- 1) Timgad
- 2) Selinus
- 3) Miletus
- 4) Gournia

152. The Military camp towns in Roman cities are called as ____ .

- 1) Collonia
- 2) Oppidia
- 3) Castnim
- 4) Forum

153. Normally, the height of a building shall not exceed ____ times the width of the street immediately abetting it.

- 1) Two
- 2) One and a half
- 3) Three
- 4) One

154. Every public building shall be provided with emergency exits, so located that the travel distance on the floor shall not exceed-

- 1) 30 meters
- 2) 15 meters
- 3) 22 meters
- 4) 10 meters

155. The book "Modernization of Indian Tradition" was written by-

- 1) Yogendra Singh
- 2) T.K. Ooman
- 3) T.K.Majumdar
- 4) Antra Bettale

156. Citizen participation, as a social ideal, should be-

- 1) A continuous process and inclusive
- 2) Well-funded
- 3) The responsibility of bureaucrats
- 4) In conformity with old traditions

157. When economists talk about developing countries experiencing 'flight of capital' they mean:

- | | |
|---|--|
| 1) Money lent to the country being immediately invested abroad | 2) Money moving around financial institutions rather than being invested in production |
| 3) People investing their money in urban business rather than agriculture | 4) People investing money abroad rather than in their own country |

158. The lower most hierarchy among railway stations is:

- | | |
|--------------------|---------------------|
| 1) Halting station | 2) Flag station |
| 3) Station yard | 4) Crossing station |

159. Maximum basic runway length for airport type A is:

- | | |
|---------|---------|
| 1) 2099 | 2) 1499 |
| 3) 2100 | 4) 1500 |

160. The length of the clear zone in the approach zone for instrumental runway is:

- | | |
|----------|----------|
| 1) 750 m | 2) 600 m |
| 3) 300 m | 4) 525 m |

161. Difference in elevation between high and low tides in a harbour is:

- | | |
|-----------|--------------------|
| 1) Wave | 2) Floating height |
| 3) Relief | 4) Tide |

162. Sea transport within a country is called as-

- | | |
|----------------------|------------------------|
| 1) Ferry transport | 2) National water grid |
| 3) Coastal transport | 4) Inland transport |

163. Objects hanging over vessels to protect them from damage from other vessels are-

- | | |
|------------|-------------|
| 1) Fenders | 2) Quays |
| 3) Jetties | 4) Dolphins |

164. The sketch showing approximate paths of vehicles involved in accidents is:

- | | |
|--------------------------|------------------------|
| 1) Collision diagram | 2) Condition diagram |
| 3) Investigation diagram | 4) Moving path diagram |

165. The measure of consistency of demand at signalised intersection-

- | | |
|---------------------|-----------------|
| 1) Peak hour factor | 2) Load factor |
| 3) Queue factor | 4) Cycle factor |

166. The time period required for one complete sequence of signal indications is:

- | | |
|-----------------|------------------|
| 1) Phase | 2) Cycle |
| 3) Time spacing | 4) Signal timing |

167. The capacity on a lane during one hour under prevailing roadway and traffic conditions is:

- | | |
|----------------------|-----------------------|
| 1) Basic capacity | 2) Practical capacity |
| 3) Possible capacity | 4) Optimum capacity |

168. Traditional Indian Architecture is primarily of-

- | | |
|-------------------------------------|----------------------|
| 1) Columnar and Trabeated structure | 2) Framed structures |
| 3) Arches and Domes | 4) Domes and Vaults |

169. Who invented the new style that become known as the English Garden?

- 1) Ebenezer Howard
- 2) Lewis Mumford
- 3) Claude Lorraine
- 4) William Kent and Charles Bridgeman

170. The city surrounding the Central Business District (CBD) is called as-

- 1) Centre city
- 2) Outer city
- 3) Inner city
- 4) Walking city

171. Advantage of one way street-

- 1) Capacity and speed increases
- 2) Speed increases but capacity reduces
- 3) Safety for pedestrians
- 4) Distance travelled decreases

172. Number of trips produced in attracted to a given zone is:

- 1) Trip generation
- 2) Trip attraction
- 3) Trip distribution
- 4) Trip assignment

173. The share of trips among different modes is:

- 1) Model choice
- 2) Model split
- 3) Model inventory
- 4) Model analysis

174. The maximum width of motor vehicles is:

- 1) 2.75 m
- 2) 3.25 m
- 3) 2.5 m
- 4) 3.80 m

175. The average speed of vehicles in a certain road length at any time is:

- 1) Space mean speed
- 2) Average speed
- 3) Time mean speed
- 4) Journey speed

176. Easiest movement causing least problem of the traffic conflicts is:

- 1) Merging from the left
- 2) Diverging on the left
- 3) Diverging on the right
- 4) Merging from the right

177. The Gauge of a railway track is defined as the clear distance between-

- 1) Inner faces of rails
- 2) Middle faces of rails
- 3) Outer faces of rails
- 4) Pair of wheels

178. A residential plot measuring 12m x 15m abuts a road on its smaller side.

Permissible ground coverage = 50%, FSI = 2.5, and maximum permissible floors = 4, maximum total buildable area in sq.mt is:

- 1) 180
- 2) 225
- 3) 360
- 4) 450

179. One of the following is NOT a part of the definition of urban area-

- 1) Density of not less than 400 persons per sq.km.
- 2) Population of atleast 5,000
- 3) More than 75% of population engaged in non-agricultural or non traditional pursuit
- 4) Should have railway station

180. The area of the plot is 4000 m² with FSI of 2 and plot coverage of 25%. The maximum number of floors than can be constructed is:

- 1) 6
- 2) 8
- 3) 4
- 4) 2

181. Open Space Reservation (OSR) is:

- 1) Land reserved for future expansion
- 2) Open space to be left in between two blocks
- 3) Front set back
- 4) Portion of site to be transferred to local body for public use if site area is more than 3000 m²

182. Central place theory was the concept developed by-

- 1) Doxiadis
- 2) Walter Christaller
- 3) Vonthman
- 4) Le. Corbusier

183. The relationship between rank of the cities and their population is referred in-

- 1) Rank-size rule
- 2) Law of Primate city
- 3) Gazette
- 4) Census of India

184. The plan period of a master plan is about-

- 1) 5 years
- 2) 10 years
- 3) 15 years
- 4) 20 years

185. 73rd Constitutional Amendment Act was enacted in the year-

- 1) 1961
- 2) 1971
- 3) 1981
- 4) 1992

186. In master plan of a city, residential locations are marked which of the following colour?

- 1) Blue
- 2) Yellow
- 3) Red
- 4) Orange

187. Define Architecture.

- 1) Designing a foundation concrete with pile
- 2) Designing a beam, roof slab and column
- 3) Designing a garden with water bodies
- 4) Designing a space in response with an existing set of conditions

188. Who is the author of the book "Design with nature"?

- 1) Charles Walheim
- 2) Ian L. Mcharg
- 3) Nick Robinson
- 4) Christopher Alexander

189. Who designed Indian Institute of Management (IIM-A) Ahmadabad in 1962?

- 1) Le Corbusier
- 2) Laurie Baker
- 3) Bimal Patel
- 4) Louis Kahn

190. Anthropometry is the study of-

- 1) Evolution of human kind
- 2) Human race
- 3) Human relationships
- 4) Size and proportions of human body

191. Dom-ino model is developed by-

- 1) Mies-Van-Der Rohe
- 2) Antonio Sant' Elia
- 3) Le Corbusier
- 4) Stevan Holl

192. A group to which we compare ourselves when we evaluate ourselves is called -

- 1) Kin group
- 2) Peer group
- 3) Reference group
- 4) Secondary group

193. Topiary is:

- 1) Pruning of trees
- 2) Flowering shrubs
- 3) Shaping grass
- 4) Making forms out of trees and shrubs

194. Which of the following is best example for SERIAL VISION?

- 1) Rajpath to Raj Bawan India New Delhi
- 2) Taj Mahal, Agra
- 3) Gate way of India, Mumbai
- 4) Roman Bath

195. Spatial quality of enclosed Architectural space depends on-

- 1) Proportion and scale
- 2) View from within and outwards
- 3) Quality of day light
- 4) Properties of enclosure

196. Longitudinal movements of rails in a track is:

- 1) Kinks
- 2) Creeps
- 3) Coning
- 4) Hog

197. Accommodation used to store goods for short duration in harbours are-

- 1) Warehouses
- 2) Dry dock
- 3) Transit shed
- 4) Graving

198. Predominant factor for road accidents is:

- 1) Encroachment
- 2) Pot holes
- 3) Vehicle
- 4) Humans

199. A commercial harbour is termed as-

- 1) Dock
- 2) Roadstead
- 3) Port
- 4) Tide

200. A sign board with an instruction 'Speed limit 40 km' is a-

- 1) Mandatory sign
- 2) Information sign
- 3) Cautionary sign
- 4) Indication sign