

Sl. No. :

DTCP/19

Register  
Number

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2019

**TOWN & COUNTRY PLANNING  
(Post Diploma Std.)**

Time Allowed : 3 Hours]

[Maximum Marks : 300

Read the following instructions carefully before you begin to answer the questions.

**IMPORTANT INSTRUCTIONS**

1. The applicant will be supplied with Question Booklet 15 minutes before commencement of the examination.
2. This Question Booklet contains **200** questions. Prior to attempting to answer, the candidates are requested to check whether all the questions are there in series and ensure there are no blank pages in the question booklet. **In case any defect in the Question Paper is noticed, it shall be reported to the Invigilator within first 10 minutes and get it replaced with a complete Question Booklet. If any defect is noticed in the Question Booklet after the commencement of examination, it will not be replaced.**
3. Answer **all** questions. All questions carry equal marks.
4. You must write your Register Number in the space provided on the top right side of this page. Do not write anything else on the Question Booklet.
5. An answer sheet will be supplied to you, separately by the Room Invigilator to mark the answers.
6. You will also encode your Question Booklet Number with Blue or Black ink Ball point pen in the space provided on the side 2 of the Answer Sheet. If you do not encode properly or fail to encode the above information, action will be taken as per Commission's notification.
7. Each question comprises *four* responses (A), (B), (C) and (D). You are to select **ONLY ONE** correct response and mark in your Answer Sheet. In case you feel that there are more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each question. Your total marks will depend on the number of correct responses marked by you in the Answer Sheet.
8. In the Answer Sheet there are **four** circles (A), (B), (C) and (D) against each question. To answer the questions you are to mark with Blue or Black ink Ball point pen **ONLY ONE** circle of your choice for each question. Select one response for each question in the Question Booklet and mark in the Answer Sheet. If you mark more than one answer for one question, the answer will be treated as wrong. *e.g.* If for any item, (B) is the correct answer, you have to mark as follows :  

(A) ● (C) (D)
9. You should not remove or tear off any sheet from this Question Booklet. You are not allowed to take this Question Booklet and the Answer Sheet out of the Examination Hall during the time of examination. After the examination is concluded, you must hand over your Answer Sheet to the Invigilator. You are allowed to take the Question Booklet with you only after the Examination is over.
10. **Do not make any marking in the question booklet except in the sheet before the last page of the question booklet, which can be used for rough work. This should be strictly adhered.**
11. Applicants have to write and shade the total number of answer fields left blank on the boxes provided at side 2 of OMR Answer Sheet. An extra time of 5 minutes will be given to specify the number of answer fields left blank.
12. Failure to comply with any of the above instructions will render you liable to such action or penalty as the Commission may decide at their discretion.

SEAL

SPACE FOR ROUGH WORK

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1. The stage in which a town is not divided into separate distinct zones is known as
- (A) Infantile (B) Juvenile  
(C) Mature (D) Senile
2. The capital of Southern province of Indus Valley Civilization is
- (A) Lothal (B) Dabarkot  
(C) Mohenjo-Daro (D) Harappa
3. The capital of Western province of Indus Valley Civilization is
- (A) Dabarkot (B) Kalibangan  
(C) Lothal (D) Mohenjo-Daro
4. The size of "super-block" is
- (A) 1 acre (B) 3 to 5 acres  
 (C) 30 to 50 acres (D) 50 to 100 acres
5. During Industrial Revolution Concentration of working class near factories were due to
- (A) Lack of money for travel long distance  
(B) Better opportunities  
 (C) Both (A) and (B)  
(D) None of the above
6. Lotus shaped town planning layout of Vedic period is called as
- (A) Dandaka (B) Swastika  
(C) Prastara  (D) Padmaka

7. The concept of "Survey before plan" was initiated by
- (A) Sir. Patrick Geddes (B) Sir. Ebenezer Howard
- (C) Clarence Stein (D) C.A. Perry
8. The main streets in Vedic period aligned East-West for
- (A) Defense reasons  (B) Travelling of sun's rays
- (C) Religions reasons (D) None of the above
9. Salem is known popularly as a
- (A) Educational town (B) Tourism town
- (C) Industrial town (D) Religions town
10. The city which was named as "The town for the Motor Age" is
- (A) Cape town  (B) Radburn
- (C) Edinborough (D) Welwyn
11. The "Cone city" concept was developed by
- (A) Kenzo Tange  (B) V. Ionas
- (C) G. Borisousky (D) Soria. Y. Mata

12. Due to the natural tendency of the people to be as near as possible to the town, the town develops in the following type
- (A) concentric spread                      (B) scattered growth  
(C) satellite growth                      (D) ribbon development
13. An open strip of land provided on the periphery of a town for the special purpose of limiting the growth of a town is known as
- (A) the green cover                       (B) the green belt  
(C) the farm belt                      (D) the protective strip
14. 1. The restriction on height of building in height zoning will depend on nature of building  
2. In height zoning, FSI is adopted to control the total built-up area of the building in relation to the open plot area. Which of the above statements is/are correct?
- (A) 1 only                      (B) 2 only  
 (C) 1 and 2                      (D) both are incorrect
15. The roads which connect the town to a state highway or a national highway is known as
- (A) Local roads                       (B) Arterial roads  
(C) By-pass roads                      (D) Ring roads
16. The efficiency of any town is measured by an effective
- (A) Road system                      (B) Green belt  
(C) Zoning                       (D) All of the above

17. Allocation of land for specific purposes while planning is termed as
- (A) Eviction  (B) Zoning   
(C) Delineating  (D) Surveying
18. The control of total built-up area of the building in relation to the open plot area is by the concept of
- (A) Height restriction  (B) FSI   
(C) Eviction  (D) Transferable development rights
19. The Geological data collected for preparing master plan is to understand the \_\_\_\_\_ of the town.
- (A) Vegetation  (B) Population   
 (C) Soil condition  (D) Economy
20. Offices, big shops and warehouses are public buildings which are grouped as
- (A) Business centres  (B) Civic centres  
(C) Light shopping centres  (D) None of the above
21. One of the below is an active type of recreational space
- (A) Parks   (B) Playgrounds  
(C) Cinema theatre  (D) Auditorium hall
22. The term used to mean a township for a defence establishment is
- (A) Metropolis   (B) Cantonment  
(C) Megalopolis  (D) Polis
23. The other name for the word "Roundabout" is
- (A) Traffic rotary  (B) Traffic signal  
(C) Interchange  (D) Grade separator

24. The geometric mean in the data set having a negative observation, will have the following value
- (A) Negative (B) Positive  
 (C) Zero  (D) Cannot be calculated
25. What is/are the modal value/s of the following data?  
 45, 55, 50, 45, 40, 55,
- (A) 40 and 45  (B) 45 and 55  
 (C) 45 only (D) 55 only
26. A measure which divides an array of data into four equal parts is known as
- (A) Halves  (B) Quartile  
 (C) Decile (D) Percentile
27. In a series of individual observations, if the total number of items is an odd figure, then the value of the middle item is \_\_\_\_\_ value
- (A) Mean (B) Mode  
 (C) Median (D) Average
28. The figure obtained by dividing the total value of the various items by their number is \_\_\_\_\_ of a series.
- (A) Arithmetic average (B) Geometric average  
 (C) Harmonic average (D) Quadratic average
29. 'Moving Average' is one type of
- (A) Mathematical Averages (B) Averages of Location  
 (C) Averages of Position  (D) Commercial Average
30. To reduce the complexity of data and to make them comparable, which type of measure is a necessary one?
- (A) Skewness (B) Kurtosis  
 (C) Dispersion  (D) Central tendency

31. Which method of population forecasting is based on the assumption that the city under consideration will develop as similar cities have developed in the past?
- (A) Geometrical method (B) Graphical method  
 (C) Comparative method (D) Zoning method
32. Which method of population forecasting combines the advantages of the Arithmetical and Geometrical increase methods?
- (A) Incremental increase method (B) Comparative method  
 (C) Logistic curve method (D) Graphical method
33. The census records of a city shows the present population as 70,000. The average increase per decade is 5000 for the past 4 decades. What is the probable population after 2 decades to be forecasted by arithmetical increase method?
- (A) 70,000 (B) 75,000  
 (C) 80,000 (D) 85,000
34. The distribution of population is well studied by finding out the \_\_\_\_\_ of various parts of the city
- (A) Population index (B) Population count  
 (C) Population densities (D) Population ranges
35. A Geographical model of the city that suggests the existence of fine concentric regions are called
- (A) Concentric Zone Theory (B) Sector Theory  
 (C) Multi Nuclei Theory (D) Christoller Hypothesis
36. Identify the term which means 'City of dead' sometimes applied to cemeteries
- (A) Necropolis (B) Ghetto  
 (C) Entrepot (D) Dynopolis
37. The First National Housing Policy was formulated in the year
- (A) 1992 (B) 1995  
 (C) 2008 (D) 1975



38. \_\_\_\_\_ is a well known for planning process and also it is a method of improvement on convention Panelling of town planning.
- (A) Critical Path Analysis (B) Cost-Benefit Analysis  
 (C) Delphi Technique (D) Potential Surface Analysis
39. According to Davidoff, \_\_\_\_\_ is a means for determining policy.
- (A) City Planning (B) System and Programme  
(C) Urban Planning (D) Rural Extension Programme
40. The National Housing and Habitat Policy 1998 was formulated for
- (A) To address the issues of sustainable development of housing infrastructure through strong Public and Private partnership  
(B) To construct houses for Urban poors  
(C) To provide housing facilities for Govt. employees  
(D) To provide housing loans for the salaried people
41. Abbreviation of "AMRUT"
- (A) Ahila Bharatiya Mazdoor Railway Union for Temporary workers  
 (B) Atal Mission for Rejuvenation and Urban Transformation  
(C) Association of Manufacturers in Rural and Urban Tasks implementation  
(D) Association of Milk producers Union for removing rural and Urban Technical snags
42. The main aim of Indira Awaas Yojana was
- (A) provide shelter for destitutes  
 (B) provide shelter to shelter less poor rural people  
(C) provide housing to the Urban people  
(D) provide housing policies for the Urban pavement dwellers

43. What is the pattern in which Gandhi Nagar — The Capital of Gujarat was planned?
- (A) Grid – Iron pattern (B) Hexagonal pattern  
(C) Radial pattern (D) Organic pattern
44. The existing sound buildings are preserved or retained in their position by the application of certain bye-laws and ordinances from the local authority is called
- (A) Conservation (B) Preservation  
(C) Rehabilitation (D) Redevelopment
45. A Density of \_\_\_\_\_ families per acre was suggested by Ebenezer Howard and became the standard density for the Garden cities.
- (A) Twelve (B) Ten  
(C) Nine (D) Fifteen
46. Identify the process, where an area of a town is totally demolished and created again as per Town Planning concepts
- (A) Redevelopment (B) Rehabilitation  
(C) Conservation (D) Preservation
47. An Intermediate floor in any storey. Over-hanging or over-looking a floor beneath is called?
- (A) Mezzanine floor (B) Low rise floor  
(C) High rise floor (D) Skip floor
48. The execution of a master plan of a Town is carried out by
- (A) State Government  
(B) Central Government  
(C) Village Panchayat President  
 (D) Municipal Authorities

49. The planning that concerns with programmes of economics; resources mainly agricultural developments is called as
- (A) Advocacy Planning (B) Master Planning  
(C) Resource Planning  (D) Regional Planning
50. The geometrical plan of the new capital of Islamabad was first designed in 1959 by the firm of
- (A) Le Corbusier (B) Lucio Costa  
(C) Louis Kahn  (D) Doxiadis Associates
51. For the purpose of regulations, CMA (Chennai Metropolitan Area) has been divided into \_\_\_\_\_ tracts.
- (A) 5 (B) 4  
 (C) 3 (D) 6
52. FAR stands for
- (A) Floor Area Rate  (B) Floor Area Ratio  
(C) Floor Access Rate (D) Flat Area Rate
53. The first private planned hill city in India is
- (A) GIFT  (B) LAVASA  
(C) Gandhi Nagar (D) Bhubaneshwar

54. As per "CRZ III" No Development Zone shall not be applicable in such area falling within any notified \_\_\_\_\_ limits.

(A) Port

(B) Urban

(C) Rural

(D) Town

55. The areas that have been developed upto or close to the shoreline is classified under \_\_\_\_\_ category.

(A) CRZ-I

(B) CRZ-II

(C) CRZ-III

(D) CRZ-IV

56. The minimum dimensions of a bathroom as per The Tamil Nadu District Municipalities Building Rules is

(A) 1.5 meters by 1.2 meters

(B) 1.0 meters by 1.2 meters

(C) 1.5 meters by 1.0 meters

(D) 1.0 meters by 1.0 meters

57. The ground floor or lowest floor of the building shall be not less than \_\_\_\_\_ above the ground or site level as per Tamil Nadu District Municipalities Building Rules 1972

(A) 45 Centimeters

(B) 50 Centimeters

(C) 55 Centimeters

(D) 60 Centimeters

58. \_\_\_\_\_ means a building in which the loads either dead or live are carried by timber, steel or reinforced concrete framing as per Tamil Nadu District Municipalities Building Rules 1972

(A) Ordinary buildings

(B) Framed buildings

(C) Dwelling house buildings

(D) Rigid buildings

59. The doors of kitchen, bath and flush out latrine shall not less than \_\_\_\_\_ clear in width as per Tamilnadu District Municipalities Building Rules.
- (A) 0.04 metres (B) 0.045 metres  
(C) 0.05 metres (D) 0.06 metres
60. Under section \_\_\_\_\_ of "The Tamil Nadu Town and Country Planning Act 1971" power is given to development authority to stop unauthorized development.
- (A) 55 (B) 56  
(C) 57 (D) 58
61. Centralized organization, where forms are relatively compact and geometrically regular can be used for the following :
- I. Establish points or places in Space.  
II. Terminate axial conditions  
III. Serve as an object-form within a defines/field or volume of space.
- (A) I, II and III (B) I and II  
(C) II and III (D) I and III
62. Identify the examples of viscosity from the below, where there is a mixture of static possession and possession in movement.
- I. Overhanging blinds  
II. Space enclosed by the Portico  
III. The meandering character of the street.
- (A) I, II and III (B) I and II  
(C) I and III (D) II and III
63. A line, plane in volume that, by its continuity and regularity serves to gather, measure and organize a pattern of forms and spaces are called?
- (A) Datum (B) Rhythm  
(C) Hierarchy (D) Transformation
64. \_\_\_\_\_ must be terminated at both of its ends by a significant form or space.
- (A) Axis (B) Scale  
(C) Path (D) Intersection
65. \_\_\_\_\_ refers to the size or proportion an element appears to have relative to other element of known or assumed size.
- (A) Visual scale (B) Mechanical scale  
(C) Large scale (D) Small scale

66. Choose a colour having a dynamic character and courage.

(A) Yellow

(B) Red

(C) Black

(D) Brown

67. Name the colour representing positive, active and immaculate qualities of life.

(A) Green

(B) Yellow

(C) White

(D) Orange

68. Name a combination of elements of entirely different nature having an unpleasant effect.

(A) Texture

(B) Discord

(C) Contrast

(D) Monotony

69. Who described "Architecture is the masterly, correct and magnificent play of the forms brought together in light"?

(A) Louis Khan

(B) Oscar-Niewmyer

(C) LE-Corbusier

(D) Walter Gropius

70. "Dead Slow" is a

(A) Regulatory sign

(B) Warning sign

(C) Informatory sign

(D) None of the above

71. In \_\_\_\_\_ stations, arrangement is made for crossing or for overtaking trains.
- (A) way side
  - (B) junction stations
  - (C) terminal stations
  - (D) all stations
72. As per URDPFI guidelines, equivalent car space for buses is
- (A) 1.0
  - (B) 1.5
  - (C) 2.0
  - (D) 2.5
73. \_\_\_\_\_ is provided (in the lamp post) to reduce shadows in street light.
- (A) Clamp
  - (B) Overhang
  - (C) Marking
  - (D) Labelling
74. The converging of separate streams of traffic into a single stream is known as \_\_\_\_\_ traffic.
- (A) merging
  - (B) diverging
  - (C) weaving
  - (D) rotating
75. \_\_\_\_\_ signs are used to inform road users of certain laws and regulations to provide safety and free flow to traffic.
- (A) Mandatory / Regulatory
  - (B) Cautionary / Warning
  - (C) Informatory
  - (D) Rerouting

76. Skid distance are measured to find the

- (A) Actual breaking distance
- (B) Speed of vehicle
- (C) Weight of vehicle
- (D) Driver capacity of driving

77. The road margin element shoulders are provided along the

- (A) Road edge
- (B) Road centre
- (C) Guard rail
- (D) Foot path

78. For multi-lane pavement, width of carriage way for road is

- (A) 3.5 m per lane
- (B) 4.5 m per lane
- (C) 5.5 m per lane
- (D) 6.5 m per lane

79. Sub arterial roads are also known as

- (A) military road
- (B) major road
- (C) minor road
- (D) arterial road

80. Which of the following statement is wrong?

- (A) traffic signal reduces certain types of accident
- (B) signal allow crossing of the heavy traffic flow
- (C) automatic traffic signal may work out to be economical
- (D) electric power failure will not occurs in traffic signal



81. The common regulatory sign is
- (A) end of speed limit (B) dead end  
 (C) no entry (D) hair pin bend
82. Traffic controlling device used to control traffic at important road junctions in big towns are
- (A) Traffic signs  (B) Traffic signals  
(C) Traffic road markings (D) Speed breakers
83. The lighting arrangement adopted for narrow streets is
- (A) opposite arrangement  
(B) staggered arrangement  
 (C) one side arrangement  
(D) central arrangement
84. The external cordon line should be \_\_\_\_\_ with previous studies of the area.
- (A) gel  
 (B) compatible  
(C) incompatible  
(D) different
85. The external cordon line should contain all areas of systematic daily life of the people oriented towards the city centre and should in effect be the
- (A) city shed  
(B) town shed  
 (C) commuter shed  
(D) daily shed

86. The purpose of wading pool is
- (A) to provide freeway
  - (B) to improve the pleasantness of play ground
  - (C) to act as link between parks
  - (D) to provide parkway
87. Green spaces should be located in town plan as they serve as a protection against
- (A) Noise
  - (B) Location
  - (C) Site selection
  - (D) Planning
88. In small towns, as per URDPFI guidelines, it is suggested to provide \_\_\_\_\_ ha per 1000 persons for town level open spaces.
- (A) 0.4 – 0.06
  - (B) 0.8 – 1.0
  - (C) 1.0 – 1.2
  - (D) 1.5 – 1.7
89. The requirement of number of organised green spaces in a District level planning unit is \_\_\_\_\_ as per URDPFI guidelines.
- (A) 1 district level park and sports centre, maidan
  - (B) 2 district level park and sports centre, maidan
  - (C) 3 district level parks only
  - (D) 1 district level park only
90. Land area requirement for a neighbourhood play area unit with a serving population of 15,000 is \_\_\_\_\_ ha, as per NBC, 2005 norms.
- (A) 0.5
  - (B) 1.5
  - (C) 2.5
  - (D) 3.5
91. On the basis of services rendered, open spaces, can be divided into following types of Recreation
- I. Passive
  - II. Active
  - III. Mutually Inclusive
  - IV. Mutually Exclusive
- (A) I and II
  - (B) I, II and III
  - (C) I, II and IV
  - (D) I and III

92. The frequency of tonal change on an image is termed as
- (A) Pattern  (B)  Texture  
 (C) Hue  (D) Pixel
93. If ' $d$ ' is the photo distance and ' $D$ ' is ground distance, photo scale (S) is equal to
- (A)  $\frac{D}{d}$   (B)   $\frac{d}{D}$   
 (C)  $\frac{2d}{D}$   (D)  $\frac{d}{2D}$
94. Piecing together the individual photographs into a single continuous picture is called
- (A) Stereoscopic  (B)  Mosaic  
 (C) Stereopair  (D) Block
95. Regions of the electromagnetic spectrum in which the atmosphere is transparent are called
- (A) Atmospheric scattering  (B)  Atmospheric windows  
 (C) Atmospheric radiation  (D) Atmospheric absorption
96. Which one of the following ranges is called the photographic IR band?
- (A) 0.7 to 0.9  $\mu m$   (B) 0.3 to 0.4  $\mu m$   
 (C) 3 to 5  $\mu m$   (D) 0.1 to 30 cm

97. According to Le Corbusier the city is a
- (A) Single block (B) Collection of people  
 (C) Living organism (D) Multiple block
98. The selection of site as in the Ancient Town planning texts was referred to as
- (A) Bhu-Pariksha  (B) Bhumi Samgraha  
(C) Pada Vinyasa (D) Bhumi vidhana
99. The city of Chandigarh was designed by
- (A) Charles Carca (B) B.V. Doshi  
 (C) Le Corbusier (D) Edwin Lutyens
100. The city which was designed to enjoy the advantages of both rural and urban life is called a
- (A) Industrial city  (B) Garden city  
(C) Modular city (D) None of the above
101. The industrial town that was planned in India is
- (A) Chandigarh  (B) Jamshedpur  
(C) Gandhinagar (D) Chennai
102. The Chess Board a grid iron pattern at miletus was planned by
- (A) Doxiadis  (B) Hippodamus  
(C) Plato (D) Alexander

103. The city of Greater London was planned by

- (A) Ebenezer Howard (B) Patrick Geddes  
 (C) Patrick Abercrombie (D) C.A. Perry

104. In Garden City concept the shopping centres are located

- (A) on the edge of the town  
(B) on the outskirts of the town  
(C) in the center of the town  
(D) near the industries

105. The idea of Garden City in the book "To-morrow" was given by

- (A) Sir. Patrick Geddes  (B) Sir. Ebenezer Howard  
(C) C.A. Perry (D) Lewis Mumford

106. In Geddessian Triad "Place" corresponds to

- (A) Organism (B) Function  
 (C) Environment (D) None of the above

107. The concept of "diagnosis before treatment" was framed by

- (A) Sir. Patrick Geddes (B) Sir. Ebenezer Howard  
(C) Clarence Stein (D) C.A. Perry

108. The theory of fucing of cities into giant agglomerations was referred to as

- (A) Ecumenopolis
- (B) Dynapolis
- (C) Acropolis
- (D) Megalopolis

109. The Broad Acre city, 1932 was proposed by

- (A) Le Corbusier
- (B) Kenzo Tange
- (C) Frank Lloyd Wright
- (D) Louis Sullivan

110. As per Tamilnadu Town and country planning Act 1971, water and electric supply, street lighting, sewerage and drainage is classified as

- (A) Physical Infrastructure
- (B) Social Infrastructure
- (C) Amenties
- (D) Essential requirements

111. The population of basic village settlement consist of

- (A) 50,000 to 1 lakh
- (B) 5,000 to 7,000
- (C) 2,000 to 3,000
- (D) 400 to 500

112. The originality of town showing signs of decline is termed as

- (A) Necropolis
- (B) Tyrannopolis
- (C) Megalopolis
- (D) Metropolis

113. A limited area in which a large number of people are permanently residing and they are separated from other centres is known as
- (A) Urban area                      (B) Rural area  
(C) Country                              (D) None of the above
114. An improper town planning of a town will result in
- (A) Development of slums                      (B) Traffic congestion  
(C) Lack of essential amenities                       (D) All of the above
115. A healthy living condition and environment in a city is the aim of
- (A) Town planning                      (B) Architecture  
(C) Agriculture                              (D) Astronomy
116. A common boundary wall in the form of structural barrier that divides an independent plot in to two units is seen in
- (A) Detached houses                       (B) Semi-detached houses  
(C) Row houses                              (D) None of the above
117. The architect who is famous for his low cost housing techniques is
- (A) Le Corbusier                              (B) Kanvinde  
 (C) Laurie Baker                              (D) Charles Correa

118. Pre-thinking and pre-arranging things before an event takes place is called as
- (A) Planning (B) Surveying  
(C) Designing (D) Farming
119. A \_\_\_\_\_ program's drawings are often used as the basis for construction documents.
- (A) Paint  (B) CAD  
(C) Draw (D) Graphics
120. CAD is abbreviated as
- (A) Computer Aided Driving  
(B) Computer Aided Disk  
 (C) Computer Aided Drafting (or) Computer Aided Drawing  
(D) Computer Based Drawing
121. Computer may be used for drawing
- (A) Line diagram (B) 2D  
(C) 3D  (D) Line diagram, 2D and 3D
122. The reciprocal of the arithmetic average of the reciprocal of values of various items in the variable is termed as
- (A) Geometric mean  (B) Harmonic mean  
(C) Arithmetic mean (D) Quadratic mean
123. Lottery method is a
- (A) Simple random sampling (B) Stratified random sampling  
(C) Systematic random sampling (D) Cluster sampling





131. "DPC" as per 74<sup>th</sup> CAA, 1992 denotes  
(A) Draft Planning Committee  (B) District Planning Committee   
(C) District Planning Commission  (D) Draft Planning Commission
132. NOIDA in UP stands for  
(A) New Orkha Industrial Development Area   
(B) New Okhla Industrial Development Area   
(C) New Okha Industrial Development Authority   
(D) New Orkha Industrial Development Authority
133. The will; ability and affordability to housing is defined as  
(A) Housing need  (B) Housing shortage   
(C) Housing demand  (D) Housing choice
134. Who suggested dormitory satellite towns surrounded an industrial sectors?  
(A) John Milton  (B) Raymond Unwin   
(C) Peterborough  (D) Henry Wright
135. "Land use is formed by five basic elements". Which one of the following is not belongs to that basic element?  
(A) Nature  (B) Society   
(C) Structure  (D) State
136. The Multiple Nuclei concept of urban land uses was propounded by  
(A) McKenzie  (B) Notts-Derby study team   
(C) Thorburn  (D) Jackson
137. \_\_\_\_\_ model states a percentage probability that a certain number of migrants will move from one are to another.  
(A) Migration  (B) Gravity   
(C) Descriptive  (D) Simulation

138. Identify the problems of Urbanisation in India from the following:
- I. Widening socio-economic Gap.
  - II. Slums and Squatter Settlements
  - III. Shortage of Urban Services
  - IV. Emergence of Towns as Socio-Cultural Centres
  - V. Environmental Degradation
- (A) I, II, III and V                      (B) I, II, III, IV, V  
 (C) I, III, IV and V                      (D) II, III and V
139. The Tamilnadu Town and country planning (Amendment) Act 2008 emphasis that \_\_\_\_\_ is omitted in the Principal Act.
- (A) Seizure of Building                       (B) Time period of Three Years  
 (C) Jurisdiction of Court of Law                      (D) Special power of the Government
140. Where does National Dairy Development Board is situated?
- (A) Mumbai                      (B) Gurgaon  
 (C) Anand                      (D) Patiala
141. The "Zone II" of the Concentric Zone theory describes that
- (A) Residential Zone                       (B) Transitional Zone  
 (C) Working Class Zone                      (D) Commuters Zone
142. \_\_\_\_\_ means consumers who are getting benefit of a Specific goods and services without making any payment or pay less than the full cost of these items.
- (A) Non-rival Consumption                       (B) Free Rider  
 (C) Zero Marginal Cost                      (D) Externalities
143. The two major types of blight are:
- (A) Structural and Economic Blight                      (B) Economic and Infrastructure Blight  
 (C) Structural and Locational Blight                      (D) Economic and Functional Blight
144. The Fundamental requirements of development plan are
- (A) amenity, health and high skill                       (B) amenity, convenience and health  
 (C) amenity, convenience and high skill                      (D) amenity, convenience and imagination

145. The feature's of a master plan are as follows.
- I. Aims at controlling the future growth of the town along preconceived and predetermined paths
  - II. It is a static plan, and not sufficiently elastic
  - III. It is impossible to amend it from time to time
- (A) I (B) I and II  
 (C) I and III (D) I, II, III
146. Abbreviate HUDCO
- (A) Housing and Urban Development Corporation
  - (B) Home and Urban Development Committee
  - (C) Housing and Development committee
  - (D) Hut and Development Organisation
147. Regional planning can efficiently tackle the problem arising out of the transition of
- (A) Rural area into peri-urban areas (B) Peri-urban into rural area
  - (C) Rural area into agricultural area (D) Developed area into undeveloped area
148. Sustainability of Regional planning depends upon
- (1) Management of major environmental inputs
  - (2) Balanced and equitable spatial and economic development of the region
  - (3) Ineffective use of local resources
- (A) (1), (2) (B) (1), (2), (3)  
 (C) (2), (3) (D) (1), (3)
149. CBD stands for
- (A) Central Built District
  - (B) Central Business District
  - (C) Core Business District
  - (D) Core Business Department
150. Master Plan is also referred to as
- (A) Advocacy Plan
  - (C) Development Plan
  - (B) New Town Plan
  - (D) City Plan

151. In an urban renewal process; complete clearance alone due to the deterioration degree and non conforming land use is called as
- (A) Slum clearance (B) Rehabilitation  
 (C) Redevelopment (D) Eviction
152. Once in every \_\_\_\_\_ years, the regional planning authority, if so directed by the Government will review the Regional plan and submit the modified regional plan to the Government for approval.
- (A) 5  (B) 10  
(C) 15 (D) 20
153. As per the "The Tamil Nadu Town and country planning Act 1971," "\_\_\_\_\_" means, a continuous portion of land held in one ownership. Other than land used, allotted or restored for any public purpose.
- (A) Site  (B) Plot  
(C) Parcel (D) Patta
154. \_\_\_\_\_ means any area declared to be a regional planning area, local planning area, or a site for a New Town as per "The Tamil Nadu Town and country planning Act 1971"
- (A) Non Classified Area  
 (B) Planning Area  
(C) Urban Area  
(D) Classified Area
155. Draft Coastal Zone Management plan shall be prepared in \_\_\_\_\_ scale map.
- (A) 1 : 20000  (B) 1 : 25000  
(C) 1 : 30000 (D) 1 : 35000
156. Land Area between High Tide Line and Low tide line is termed as \_\_\_\_\_ zone.
- (A) Supertidal  
 (B) Intertidal  
(C) Critical  
(D) Non Critical

157. State Town and country planning Fund shall be used for the preparation and execution of
- (A) Smart plans
  - (B) Growth centre plans
  - (C) Rural centre plans
  - (D) Development plans
158. The rates of development charges shall be determined on the \_\_\_\_\_ of land or building
- (A) Market Rate
  - (B) Guideline value
  - (C) Proposed use
  - (D) Property tax
159. Guideline value is fixed by the \_\_\_\_\_ Department of Government of Tamilnadu.
- (A) Law
  - (B) Personnel
  - (C) Urban
  - (D) Registration
160. Height of buildings above 17.25 m is classified as
- (A) Special building
  - (B) Ordinary building
  - (C) Multi-storied building
  - (D) High storied building
161. In U.K., Planning Policy Statement (PPS) is prepared at
- (A) National level
  - (B) Country level
  - (C) Local level
  - (D) Neighbourhood level

162. Rock Garden designed by Nek Chand with rocks and stones found in the Shivalik foothills is located in
- (A) Chandigarh (B) Delhi  
(C) Pune (D) Bombay
163. \_\_\_\_\_ refers to the proper or harmonious relation of one part to another or to the whole.
- (A) Proportion (B) Balance  
(C) Rhythm (D) Scale
164. What is the minimum space required for sleeping for one person as per CBRI?
- (A)  $1010 \times 1473$  mm (B)  $710 \times 1120$  mm  
 (C)  $965 \times 1910$  mm (D)  $760 \times 1100$  mm
165. Ajanta caves are the \_\_\_\_\_ architecture.
- (A) Aryan Architecture  
(B) Indus-Valley Architecture  
 (C) Buddhist Architecture  
(D) Roman Architecture
166. Choose the plant to control the environment like temperature in a building.
- (A) Money plant (B) Gul Mohar  
(C) Dillenia Indica (D) Tamarindus Indica

167. In a shunting signal of the red band is inclined at  $45^\circ$  it indicates
- (A) Stop  (D) Proceed
- (C) Proceed cautiously (D) None of the above
168. Gauge is the distance between
- (A) Centre to Centre of rails
- (B) Running faces to rails
- (C) Outer faces to rails
- (D) None of the above
169. On a right angled road intersections with two way traffic, the total number of conflict points is
- (A) 6 (B) 11
- (C) 18  (D) 24
170. The provision of Traffic signals at intersections
- (A) reduces right angled and rear end collisions
- (B) increase right angled and rear end collisions
- (C) reduces right angled collisions but may increase rear end collisions
- (D) reduces rear end collision but may increase right angled collisions
171. When the width of Kerb parking space and width of street are limited, generally preferred parking system is
- (A) Parallel Parking (B)  $45^\circ$  angle Parking
- (C)  $65^\circ$  angle Parking (D)  $90^\circ$  angle Parking
172. In transportation survey, the defined study area is subdivided into smaller areas called
- (A) Zones
- (B) External cordon line
- (C) Internal cordon line
- (D) Cordon line



173. The portion of the roadway designed and constructed for the use of vehicular traffic only is
- (A) Carriage way (B) Right of way  
(C) Shoulder (D) Formation width
174. For parking of cars parallel to the road kerb \_\_\_\_\_ m wide strip is required.
- (A) 2.5 (B) 3.5  
(C) 4.5 (D) 5.5
175. Minimum visibility distance of \_\_\_\_\_ along the minor road may be preferred.
- (A) 15 m (B) 20 m  
(C) 25 m (D) 10 m
176. \_\_\_\_\_ parking accommodates more vehicles per unit length of kerb and maximum vehicles that can be parked is with an angle of 90°.
- (A) Angle (B) Kerb  
(C) Public (D) Community
177. Grade separation across highways may be provided at \_\_\_\_\_ of divided rural highways.
- (A) beginning (B) end  
 (C) intersections (D) centre
178. \_\_\_\_\_ signs are used to warn the road users of certain hazardous conditions.
- (A) Cautionary (B) Regulatory  
(C) Stop (D) Prohibitory

179. \_\_\_\_\_ is the branch of Engineering which deals with the improvement of traffic performance of road networks and terminals.

- (A) Airport Engineering (B) Waterway Engineering  
 (C) Traffic Engineering (D) Railway Engineering

180. The actual number of different vehicles which park is termed as

- (A) the parking accumulation  
(B) the parking load  
 (C) the parking volume  
(D) the parking turnover

181. Which survey is carried in urban areas for mechanical and other vehicles and pedestrian either independently or combined during the traffic peak hours?

- (A) parking survey  
(B) origin and destination survey  
 (C) traffic volume survey  
(D) spot speed survey

182. The road junctions at the same elevation is called as

- (A) Grade separated intersection  (B) At-grade intersections  
(C) Fly-over intersections (D) Interchange

183. Which one of the following is not a type of roundabout?

- (A) Elliptical type (B) Tangent type  
(C) Turbine type  (D) Clover-leaf

184. The design incorporating grade separations with the help of a traffic circle is termed as

- (A) Diamond interchange (B) Trumpet intersection  
 (C) Rotary interchange (D) Delta intersection

185. Parks can be classified into the following
- (A) According to character and size
  - (B) According to purpose and size
  - (C) According to character and purpose
  - (D) According to character, purpose and size
186. The finance for parks can be obtain by
- (A) Donations
  - (B) Raising loan
  - (C) Spending from public fund
  - (D) All of above
187. Urban green spaces should be located in the town very carefully as they serve the following purposes
- I. protection against noise
  - II. filter the dust
  - III. protection against harmful winds
  - IV. protection against hot run
- (A) I, II, III and IV
  - (B) I, II and IV
  - (C) I, and II
  - (D) II
188. What does the word boulevard mean in town planning parlance?
- (A) Wide tree-lined avenues in a town on a city
  - (B) A park way which is free from ribbon development
  - (C) A protected landscaped zone encircling a city
  - (D) A zone identified for development
189. According to the purpose of the park, it can be classified into the following types as they provide green spaces for special use.
- I. Botanical parks
  - II. Zoological parks
  - III. Natural parks
  - IV. Artificial parks
- (A) I and II
  - (B) III and IV
  - (C) I, II, III and IV
  - (D) I, II and III
190. The pioneer in the field of theme parks is
- (A) Louis Khan
  - (B) Le-Corbusier
  - (C) Gropius
  - (D) Walt-Disney

191. Identify the discrete spatial features in the following examples

- (A) Hills  (B)  Road intersections  
(C) Rivers  (D) Ridges

192. In Aerial Photogrammetry, the angle  $\phi$  is called \_\_\_\_\_ angle.

- (A) Linear  (B) Co-linear   
(C)  Parallax  (D) Variable

193. In Aerial Photograph, the lateral overlap at right angles to forward direction can vary from \_\_\_\_\_ percent.

- (A) 10 – 15  (B) 15 – 20   
(C) 20 – 25  (D)  25 – 30

194. Satellite Imagery is overlaid over cadastral map to prepare

- (A)  Base Map  (B) Traffic Census Map   
(C) Ground Water Prospects Map  (D) Soil Map

195. Proposed Near future satellite cartosat and PAN data spatial resolution is

- (A) 10 cm  (B) 15 cm   
(C) 20 cm  (D)  25 cm

196. A freeway constructed along and through a strip of public land with no access from adjoining properties
- (A) Streetway  Parkway
- (C) Roadway  (D) Highway
197. \_\_\_\_\_ is vested with the authority to acquire and disseminate all satellite remote sensing data in India, both from Indian and Foreign satellites.
- (A) Survey of India, Hyderabad  (B) National Remote Sensing Centre
- (C) Public Works Department  (D) Ministry of Defence
198. The ratio and map scale are
- (A) same  (B) directly proportional
- (C) inversely proportional  (D) different
199. Which is the starting or zero point for angular measurements, east and west of earth's surface?
- (A) Prime Meridian  (B) Latitude
- (C) Longitude  (D) Latitude and Longitude
200. The minimum forward overlap required for Topographical Mapping in Aerial Photograph is
- (A) 30%  (B) 40%
- (C) 60%  (D) 50%

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