

1. Which of the following is not a classical spatial theory of land use planning ?
 - (A) Concentric Zone Theory
 - (B) Multiple Nuclei Theory
 - (C) Centripetal Theory
 - (D) Sector Theory
2. _____ refers to number of people in an urban area per sq. km.
 - (A) Citification
 - (B) Urban population
 - (C) Urbanism
 - (D) Urban density
3. In GIS, the set of entities representing vector data type is :
 - (A) Point, Line, Polygon, TIN
 - (B) Pixel, Voxel
 - (C) DEM, DSM, DTM
 - (D) Coordinates, Elevation, Slope
4. Which one of the following is not a type of formal region ?
 - (A) Single Feature Region
 - (B) Functional Region
 - (C) Multi Feature Region
 - (D) Compagne Region
5. Which one of the following is not a Local Area Plan ?
 - (A) Perspective Plan
 - (B) Annual Plan
 - (C) Development Plan
 - (D) District Plan
6. There is no discernible link between planning and performance. This position is held by which one of the following author ?
 - (A) Henry Mintzberg
 - (B) Michael Porter
 - (C) Milton Friedman
 - (D) Gory Hamel
7. Which one of the following region is defined as the region, which develops around transition networks or irrigation channels ?
 - (A) Industrial Region
 - (B) Axial Region.
 - (C) Metropolitan Region
 - (D) Formal Region
8. On which basis, macro, meso and micro function regions are defined ?
 - (A) Functions
 - (B) Formal
 - (C) Scale
 - (D) None of these

9. Match the following :

Type of	Population
Towns/Cities	(as per UDPFI)

- | | |
|------------------|------------------------|
| (a) Small Town | (i) 50,000 to 5 lakh |
| (b) Mega Cities | (ii) 5 lakh to 10 lakh |
| (c) Medium Town | (iii) Above 50 Lakh |
| (d) Large Cities | (iv) Upto 50,000 |

(a) (b) (c) (d)

(A) (ii) (i) (iv) (iii)

(B) (i) (ii) (iii) (iv)

(C) (iv) (iii) (i) (ii)

(D) (iii) (iv) (ii) (i)

10. Spatial connectedness in GIS refers to :

- (A) Tomography
(B) Topography
(C) Topiary
(D) Topology

11. To what time frame do strategic plan relate ?

- (A) Long Term
(B) Medium Term
(C) Short Term
(D) Unspecified time it takes to achieve the aim

12. What is another name for contingency planning ?

- (A) Synergy planning

(B) Scenario planning

(C) Adhoc planning

(D) Business level planning

13. _____ towns are created to take population and employment away from metropolitan areas.

(A) Host

(B) Census

(C) New

(D) Statutory

14. Plan period considered for a development plan is :

(A) 1 year

(B) 5 years

(C) 10 years

(D) 15 years

15. Match the following :

Persons	Plans/Planned Settlements
----------------	----------------------------------

- | | |
|----------------------|--------------------------|
| (a) Christopher Wren | (i) Milton Abbas Dorset |
| (b) Titus Selt | (ii) Plan for London |
| (c) Ebenezer Howard | (iii) Soltaire Yorkshire |
| (d) Capability Brown | (iv) Welwyn Garden City |

(a) (b) (c) (d)

(A) (ii) (iii) (iv) (i)

(B) (i) (ii) (iii) (iv)

(C) (iv) (i) (ii) (iii)

(D) (iii) (iv) (i) (ii)

16. Mark out the incorrect statement —
In ancient period cities were :
- (A) Industrial Centres
 - (B) Commercial Centres
 - (C) Religious Centres
 - (D) Political Centres
17. Mark the earliest Indian Civilisation :
- (A) Rig Vedic Phase
 - (B) Banwali
 - (C) Indus Valley
 - (D) None of these
18. Social Distance in a city is due to :
- (A) The size of city
 - (B) The social heterogeneity
 - (C) The distance between residences
 - (D) The traffic problem in city
19. Mark out the correct statement in relation to urban society :
- (A) Urban life produces greater emotional tension than village life
 - (B) Urban life produces greater insecurity than rural life
 - (C) Urban life is faster than village life
 - (D) All of these
20. The _____ of the urban community is source of social groupings both vertical and horizontal.
- (A) Age grading
 - (B) Economic Differentiation
 - (C) Social Differentiation
 - (D) Caste
21. A scientific distinction between rural and urban community can be made on the basis of :
- (A) Density of Population
 - (B) Area covered
 - (C) Occupation followed by people
 - (D) None of these
22. _____ is a self contained unit where members share a sense of belonging and a common territorial base.
- (A) Society
 - (B) Association
 - (C) Community
 - (D) None of these
23. Who introduced the term White Collar Crime ?
- (A) Giddens
 - (B) E. Burgess
 - (C) Durkheim
 - (D) Sutherland
24. _____ refers to the practice of treating reason as the basis of belief and knowledge.
- (A) Secularism
 - (B) Social Deviance
 - (C) Moral Density
 - (D) Rationality

25. Colonial urban economy is characterised by :
- (A) Destruction of traditional handicrafts
 - (B) Growth of bourgeoisies
 - (C) Development of modern industries
 - (D) All of these
26. "Producing twice the quantity less than doubles production cost, which means that average cost decreases with production volume" is called :
- (A) Economies of scope
 - (B) Economies of scale
 - (C) Clustering
 - (D) Zoning
27. What does urban economics study ?
- (A) Profit-maximisation choices
 - (B) Consequences of location choices
 - (C) Utility maximization location choices
 - (D) All of these
28. Which of the following statements is not an axiom for urban economics ?
- (A) Externalities cause efficiency
 - (B) Prices adjust to achieve locational equilibrium
 - (C) Production is subject to economies of scale
 - (D) Self-reinforcing effect causes inefficiency
29. Gross National Product can be defined as :
- (A) Total value of goods and services produced in the country
 - (B) Total value of all transactions in the country
 - (C) Total value of goods and services produced in the country and net factor income from abroad
 - (D) Depreciation in the total value of goods and services produced in the country
30. In what circumstances is an economy said to be in recession ?
- (A) If real GDP falls in one quarter compared with the quarter before
 - (B) If real GDP falls for two consecutive quarters
 - (C) If real GDP falls in one year compared with the year before
 - (D) If real GDP falls for two consecutive years
31. In which year Burgess and Park developed their theory of urban ecology ?
- (A) 1925
 - (B) 1935
 - (C) 1915
 - (D) 1945

32. What is true of ecosystem ?
- (A) Primary consumers are least dependent upon producers
 - (B) Primary consumers outnumber producers
 - (C) Producers are more than primary consumers
 - (D) Secondary consumers are the largest and most powerful
33. _____ is the term used to refer the relationship between human beings and their physical environment.
- (A) Human Ecology
 - (B) Human Physiology
 - (C) Human Environment
 - (D) None of these
34. In an ecosystem, which one shows one-way passage ?
- (A) Carbon
 - (B) Nitrogen
 - (C) Potassium
 - (D) Free energy
35. Green house effect is warming due to :
- (A) Infra-red rays reaching earth
 - (B) Moisture layer in atmosphere
 - (C) Increase in temperature due to increase in carbon dioxide concentration of atmosphere
 - (D) Ozone layer of atmosphere
36. Gas released during Bhopal Gas Tragedy was :
- (A) Methyl Isocyanate
 - (B) Potassium Isothiocyanate
 - (C) Sodium Isothiocyanate
 - (D) Ethyl Isothiocyanate
37. What is called for an area surrounding a body of water in which that body of water is subject to ?
- (A) Water pumping
 - (B) Watershed
 - (C) Water cycle
 - (D) Rainwater harvesting
38. Which one of the following is a product of photosynthesis ?
- (A) Carbon
 - (B) Monoxide
 - (C) Nitrogen
 - (D) Glucose
39. Which of the following UN Commission is responsible for reviewing progress in the implementation of Agenda 21 and the Rio Declaration on Environment and Development ?
- (A) United Nation Disarmament Commission
 - (B) United Nations Statistical Commission
 - (C) United Nations Commission on Sustainable Development
 - (D) United Nations Commission on Human Rights

40. Why energy flow is linear in an ecosystem ?
 (A) Because it flows in air medium
 (B) Because it is very particular
 (C) Because eco system is linear
 (D) Because energy flows from one tropic level to the next higher one
41. Deforestation will decrease :
 (A) Soil erosion
 (B) Rainfall
 (C) Soil fertility
 (D) Land slides
42. When was the term 'Sustainable Development' came into existence ?
 (A) 1987
 (B) 1978
 (C) 1980
 (D) 1992
43. Which one of the following type of planning includes whole of natural and man made surroundings in its scope ?
 (A) Environment Planning
 (B) Housing
 (C) Transport Planning
 (D) Urban Planning
44. Which one of the following gases contributes maximum to the green house effect on the earth ?
 (A) Freon
 (B) Carbon dioxide
 (C) Methane
 (D) Chlorofluoro carbon
45. The United Nations Commission on Sustainable Development (CSD) was established by the UN General Assembly in December _____.
 (A) 1994
 (B) 1995
 (C) 1993
 (D) 1992
46. What is the name of the process to clean water using filters ?
 (A) Sublimation
 (B) Oxidation
 (C) Purification
 (D) Evaporation
47. Invert level of a pipe at a given cross section refers to the :
 (A) Highest point of the internal surface
 (B) Lowest point of the internal surface
 (C) Highest point of the external surface
 (D) Lowest point of the external surface
48. What is called for the collection of rainwater for use ?
 (A) Rain Collection
 (B) Rain Digging
 (C) Rain Water Harvesting
 (D) Rain Water Pumping

49. In a 50 meter section of a waste water pipe, if the gradient is 1 in 80, then the fall in millimeter :
- (A) 625
 - (B) 635
 - (C) 645
 - (D) 655
50. The volume of surface runoff is least influenced by :
- (A) Existing storm water drainage system
 - (B) Site slope
 - (C) Size of watershed
 - (D) All of these
51. A non-renewable resource is :
- (A) Nonrenewable nonconventional energy source
 - (B) Renewable nonconventional energy source
 - (C) Nonrenewable conventional energy source
 - (D) Nonrenewable conventional energy source
52. The term 'Working head' in the context of water supply system means :
- (A) Height of a body of water falling freely under the force of gravity to acquire a certain velocity
 - (B) Difference between supply and delivery water levels
 - (C) Rate of increase of velocity with respect to distance normal to the direction of flow
 - (D) Total head with deduction for velocity head or losses
53. U-value refers to :
- (A) Utility function for convective heat transfer
 - (B) Energy transfer between thermal bridges
 - (C) Thermal transmittance of building components
 - (D) Measure for area related heating and cooling loads
54. 'Segregation at source' is a concept associated with :
- (A) Electricity supply
 - (B) Drainage
 - (C) Sewage
 - (D) Solid Waste Management
55. The water consumption of a high-rise apartment building with 60 dwelling units having an average household size of 5 persons is 135 litres per capita per day (lpcd). Assuming 80% of the total use is met with recycled water supply, the daily domestic demand for the building is _____ litres.
- (A) 8200
 - (B) 8300
 - (C) 8100
 - (D) 8000

56. Which of the following processes is not adopted in solid waste management ?
 (A) Incineration
 (B) Pyrolysis
 (C) Flocculation
 (D) Sanitary Landfill
57. As per Fire safety norms of NBC India for buildings having assembly and institutional occupancies, the maximum travel distance in meters to an exit from the dead end of a corridor is :
 (A) 30
 (B) 24
 (C) 12
 (D) 6
58. Which one of the following is not the type of Build Operate Transfer System ?
 (A) Build Transfer Operate
 (B) Build Own Operate Transfer
 (C) Build Rent Transfer
 (D) Lease Develop Transfer
59. Which one of the following is not a part of Physical Infrastructure ?
 (A) Water Supply
 (B) Solid Waste Management
 (C) Police Station
 (D) Sewerage
60. At a site, based on percolation test, the allowable rate of treated sewage application was determined as 65 L/m²/day. The effective depth (m) of a soak pit with a diameter of 2.5 m for the disposal of 1020 L/day of septic tank effluent is _____.
 (A) 1.98 to 2.02
 (B) 1.96 to 2.00
 (C) 1.94 to 1.98
 (D) 1.92 to 1.96
61. Which of the following is a part of housing management ?
 (A) Planning
 (B) Construction
 (C) Plotting and Layout
 (D) Repair and Reconstruction
62. National Urban Rental Housing Policy came in which year ?
 (A) 2016
 (B) 2006
 (C) 2015
 (D) 2008
63. What is the role of "The Real Estate (Regulation and Development) Act of 2016" ?
 (A) Slum Improvement and up-gradation
 (B) Urban Poverty Alleviation
 (C) Facilitating Land Supply and Market
 (D) Provision of Urban Amenities and Facilities

64. What is the full form of TDR in Housing ?
- (A) Total Development Rights
 - (B) Transfer of Development Rights
 - (C) Ticket Deposit Receipt
 - (D) None of these
65. In which year 'National Housing and Habitat Policy' was formulated ?
- (A) 1918
 - (B) 1928
 - (C) 1998
 - (D) 1988
66. Which one of the following is the correct order for planned housing ?
- (A) People – Land – House – Service
 - (B) Land – Service – House – People
 - (C) Land – People – House – Service
 - (D) None of these
67. Which one of the following is a Partnership Model ?
- (A) Guided Land Development
 - (B) Land Pooling
 - (C) Plot Reconstruction
 - (D) Transferable Development Rights
68. Which one of the following is not a part of Pradhan Mantri Awas Yojana (PMAY) ?
- (A) Affordable Housing through Credit Linked Subsidy
 - (B) Affordable Housing in Partnership
 - (C) Subsidy for Beneficiary Led Housing
 - (D) Urban Road Development
69. What is the area prescribed by the Government of India for a housing unit for economically weaker section ?
- (A) Upto 300 sq. feet
 - (B) Upto 350 sq. feet
 - (C) Upto 250 sq. feet
 - (D) Upto 200 sq. feet
70. At what rate the upfront subsidy is provided to EWS and LIG for loans upto Rs. 6 lakhs in Affordable Housing through Credit Linked Subsidy Scheme under PMAY ?
- (A) 5.5%
 - (B) 6%
 - (C) 4.5%
 - (D) 6.5%
71. Loans of the properties which are not being repaid in a continuous manner are called :
- (A) Home Construction Loans
 - (B) Home Improvement Loans
 - (C) Non-Performing Assets
 - (D) None of these

72. A total of 18,000 people are to be accommodated in a plotted housing scheme. Proportion of 2 : 5 : 8 is allocated for HIG, MIG and LIG plots respectively. Number of HIG plots in the housing scheme, considering 5 persons per dwelling unit and 3 dwelling units per plot, will be :
- (A) 160
(B) 600
(C) 80
(D) 300
73. Which of the following social infrastructure is provided at a block level ?
- (A) Community Centre
(B) Community Room
(C) Elementary School
(D) Tot Lots
74. After the study of existing situation, which of the following is the next stage of formulating housing strategy ?
- (A) Analysis
(B) Setting Aim and Objectives
(C) Action Planning
(D) Development Strategies
75. In housing development, which of the following role can only be performed by a developer and not by builder ?
- (A) Mobilize resources
(B) Construction
(C) Disposal of Units
(D) Maintenance till the units are sold
76. Which one of the following is not a phase of project life cycle ?
- (A) Project initiation
(B) Project communication
(C) Project planning
(D) Project execution
77. Which one of the following is a qualitative method of demand forecasting ?
- (A) Delphi method
(B) Trend projection method
(C) Chain ratio method
(D) Lending indicator method
78. Which one of the following is not analysed in the technical analysis of a project ?
- (A) Material inputs and utilities
(B) Plant capacity
(C) Break even point
(D) Location and sites
79. Which of the following is not a discounting criterion of financial appraisal of a project ?
- (A) Net Present Value (NPV)
(B) Internal Rate of Return (IRR)
(C) Accounting Rate of Return (ARR)
(D) Benefit Cost Ratio (BCR)

80. Which of the following correctly defines Annuity ?
- (A) An annuity is a series of periodical cash flows of equal amounts
 - (B) An annuity is a series of annual cash flows of different amounts
 - (C) An annuity is a fixed sum of an investment accruing at the end of the maturity period
 - (D) An annuity is a series of cash flows of equal interest amounts and different principle amount
81. Which of the following is not used to measure risk of a project ?
- (A) Range
 - (B) Mode
 - (C) Mean absolute deviation
 - (D) Coefficient of variation
82. Which one of the following statements is false ?
- (A) Profit and loss statement is one of the statutory financial statement of company
 - (B) For capital budgeting decision, discounting methods are not very popular
 - (C) If Net Present Value is positive, projects are financially viable
 - (D) Risk premium for different sectors would be different
83. Which of the following environmental valuation methods is used for estimating property values based on implicit prices of its different characteristics ?
- (A) Contingent valuation method
 - (B) Market price method
 - (C) Hedonic price method
 - (D) Travel cost method
84. Little-Mirrlees (L-M) approach is used in which of the following ?
- (A) Environmental appraisal of a project
 - (B) Economic appraisal of a project
 - (C) Social cost-benefit analysis of a project
 - (D) Institutional appraisal of a project
85. Which one of the following statement is correct ?
- (A) Domestic currency is used as numeraire in L-M approach
 - (B) International currency is used as numeraire in UNIDO appraisal
 - (C) Calculation of shadow prices is done to reflect the social value
 - (D) Uncommitted social income is the measurement base in UNIDO approach

86. Which one of the following question is not explored in the social impact assessment study ?

- (A) What will be the impact of project on various stakeholders ?
- (B) Are there plans to mitigate adverse impacts ?
- (C) What institutional arrangements are needed for participation and project delivery ?
- (D) Are the commercial interests or gains of the project taken care off ?

87. Match the following :

Methods	Social Impact Assessment Tools
(a) Consultation (I)	Objectiionated Project Planning
(b) Partici- patory (II)	Participatory Rural Appraisal
(c) Community based (III)	Beneficiary Assessment
(d) Workshop based (IV)	Role Playing
(a) (b) (c) (d)	
(A) (II) (III) (IV) (I)	
(B) (I) (II) (III) (IV)	
(C) (III) (IV) (II) (I)	
(D) (III) (IV) (I) (II)	

88. Which one of the following is not undertaken in project closure and evaluation phase of a project life cycle ?

- (A) Releasing the final deliverables to the customers
- (B) Terminating supplies contracts
- (C) Negotiating and contracting
- (D) Handing over project documentation

89. Match the following :

Analysis	Issues discussed in Different Project Analysis
(a) Environment (I) Analysis	Cost and Benefit in Shadow Prices
(b) Technical (II) Analysis	Risk and Return
(c) Financial (III) Analysis	Sensible choices of technology
(d) Economic (IV) Analysis	Environmental degradation and restoration
(a) (b) (c) (d)	
(A) (II) (III) (IV) (I)	
(B) (IV) (III) (II) (I)	
(C) (IV) (I) (III) (II)	
(D) (III) (IV) (I) (II)	

90. Which of the following is correct ?

- (A) The concept of financial profit is same as economic profit
- (B) For a project to be economically viable, it must be financially sustainable as well as economically efficient
- (C) Financial analysis includes all members of society like the economic analysis
- (D) Shadow prices are used in both economic and financial analysis when the direct market price is absent

91. Which one of the following Committee is not constituted as per 73 and 74 Constitutional Amendment Act (CAA) ?

- (A) Metropolitan Planning Committee
- (B) District Planning Committee
- (C) Ward Committee
- (D) Local Area Committee

92. Which of the following is a planning control tool ?

- (A) Building projections
- (B) Building Byelaws
- (C) Facade control
- (D) Green building codes

93. Which one of the following Act was enacted to promote equitable distribution of urban land and also to discourage land speculation in large urban centres ?

- (A) Land Acquisition Act, 1894
- (B) Indian Limitation Act, 1963
- (C) The Urban Land (Ceiling and Regulation) Act, 1976
- (D) Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013

94. The most important sources of "Law" are :

- (A) Customs, Mores, Values, Traditions and Habits
- (B) Constitution, Parliament, State Assemblies and Panchayats
- (C) Primary Survey, Secondary Survey, Demographic Patterns, Psychological Profiling
- (D) Customs, Legislation, Precedence, Jurisprudence and International Treaties and Conventions

95. "Land" is a state subject under :

- (A) Entry 20, List III, Schedule VII of the Indian Constitution
- (B) Entry 44, List III, Schedule VII of the Indian Constitution
- (C) Entry 6, List II, Schedule VII of the Indian Constitution
- (D) Entry 18, List II, Schedule VII of the Indian Constitution

96. The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (TRTFCAT) in LARR Act, 2013 is a unified legislation :

- (A) Slum Upgradation, Slum Clearance and Slum Redevelopment
- (B) Land Acquisition, Resettlement and Rehabilitation
- (C) Land Acquisition, Fair Compensation and Transparency
- (D) Food Security, Social Impact Assessment and Public Private Partnership

97. Article _____ of the Indian Constitution makes it obligatory upon the Citizen to protect and improve the natural environment including forests,

lakes, rivers and wild life, and to have compassion for living creatures :

- (A) A-48A
- (B) A-51
- (C) A-51A
- (D) A-32

98. With respect to the Bombay Town Planning (Gujarat Amendment and Validating Provisions) Act (52 of 1963), which of the following was / were the issue(s) raised in the Writ Petition before the Hon'ble Supreme Court in the landmark case of "Maneklal Chottalal and Others v/s M. G. Makwana and Others" :

- (A) The State Legislature was not competent to enact the statute
- (B) The provisions of the Act, by conferring arbitrary powers on the authorities functioning under the Act and by depriving the petitioners of their property, infringed their Fundamental Rights under Articles. 14, 19(1)(f) and 31
- (C) None of these
- (D) Both (A) and (B) above

99. The creation of the both Central and State Pollution Control Boards was done under :
- (A) The Water (Prevention and Control of Pollution) Act, 1974
 - (B) The Air (Prevention and Control of Pollution) Act, 1981
 - (C) The Environment (Protection) Act, 1986
 - (D) None of these
100. The Apartment Ownership Act was enacted basically to give :
- (A) Ownership rights of the property
 - (B) Ownership rights in the common areas
 - (C) Regulate the transfer of property
 - (D) Record the transaction and freeze the Stamp Duty payable
101. The category of urban roads preferred to give access to a plot is :
- (A) Arterial
 - (B) Sub-Arterial
 - (C) Collector Road
 - (D) Local Road
102. Find the missing link in Land and Transportation Cycle :
- Land Use < Trips < Transport Needs
< ? < Accessibility < Land Value < Land Use (cycle continues)
- (A) Transport Facility
 - (B) Land Cost
 - (C) Density
 - (D) Transport Fare
103. Road network pattern adopted around Connaught Place (Delhi) is :
- (A) Grid Iron
 - (B) Radial
 - (C) Radial and Ring
 - (D) Linear
104. Which of the following is not the type of Growth factor methods of trip distribution ?
- (A) Gravity Method
 - (B) Uniform Factor
 - (C) Frater
 - (D) Detroit
105. Origin and Destination Survey includes :
- (A) Observation of the registration number of vehicles when they come in and go out from the town
 - (B) Checking the trip time of the vehicle
 - (C) Assessment of number of vehicles going in one direction
 - (D) Observing carriageway widths

106. Arrange the following in ascending order of width
- (i) Collector street
 - (ii) Arterial Road
 - (iii) Local Street
 - (iv) Sub-Arterial Road
- (A) (i) (ii) (iv) (iii)
 (B) (iii) (i) (iv) (ii)
 (C) (ii) (iv) (iii) (i)
 (D) (ii) (iv) (i) (iii)
107. V7 concept given by Le Corbusier refers to :
- (A) Neighbourhood Planning
 - (B) Housing Typologies
 - (C) Architecture Design Principle
 - (D) Hierarchy of Roads
108. Inventory of Road Network System is type of which kind of survey used for preparation of a transport plan ?
- (A) Market Survey
 - (B) Land Use Survey
 - (C) Traffic and Transportation Survey
 - (D) Visual Survey
109. Which one of the following is not the characteristic of transportation system ?
- (A) Relative Travel Time
 - (B) Income
 - (C) Relative Travel Cost
 - (D) Relative of Service
110. Which type of survey is performed while moving in an automobile, riding a bicycle or just walking ?
- (A) Origin and Destination Survey
 - (B) Activity Place Survey
 - (C) Key Indicator Survey
 - (D) Visual Survey
111. Heritage asset does not include which one of the following ?
- (A) Conservation areas
 - (B) Scheduled ancient monuments
 - (C) Listed buildings
 - (D) Gardens
112. Which one of the following organisation has given International Charters and Codes of Practice ?
- (A) United Nations Educational Scientific and Cultural Organisation (UNESCO)
 - (B) International Council on Monuments and Sites (ICOMOS)
 - (C) Society for Protection of Ancient Buildings (SPAB)
 - (D) International Council of Museums (ICOM)
113. Who initiated the society for the Protection of Ancient Buildings in 1877 ?
- (A) J. R. Pendebury
 - (B) Peter Bell
 - (C) William Morris
 - (D) A. Orbasli

114. Match the following :

Type of Feature	Type of Heritage
(a) Agatsya Lake	(I) Built
(b) Golden Temple	(II) Cultural
(c) Orissa Sand Art	(III) Spiritual
(d) Warrangal Fort	(IV) Natural

	(a)	(b)	(c)	(d)
(A)	(II)	(III)	(IV)	(I)
(B)	(I)	(II)	(III)	(IV)
(C)	(IV)	(I)	(II)	(III)
(D)	(IV)	(III)	(II)	(I)

115. Which one of the cities is not a focus city under the Heritage City Development and Augmentation Yojana (HRIDAY) Scheme ?

- (A) Badami
- (B) Delhi
- (C) Velankani
- (D) Warrangal

116. In which year, Ancient Monument Protection Act came up for protecting the heritage ?

- (A) 1892
- (B) 1890
- (C) 1891
- (D) 1893

117. Who authored the book 'Garden Cities of Tomorrow' ?

- (A) Michael Adas
- (B) Ebenezer Howard
- (C) Stephen Blake
- (D) John Dayal

118. Which among the following is a symbolic city ?

- (A) Dehli
- (B) Mumbai
- (C) Chennai
- (D) Ayodhya

119. Goa is a :

- (A) Religious city
- (B) Resort city
- (C) Commercial city
- (D) None of these

120. Which one of the following Act introduced the concept of 'Areas of Archeological Importance' in 1979 ?

- (A) Ancient Monuments and Archeological Areas Act
- (B) Town and Country Planning Act
- (C) Planning (Listed Buildings and Conservation Areas) Act
- (D) Enterprise and Regulatory Reform Act

121. When do we celebrate International Day for Natural Disaster Reduction ?
- (A) March 1
 - (B) April 15
 - (C) September 12
 - (D) October 13
122. When was Asian Disaster Preparedness Centre established ?
- (A) 1980
 - (B) 1986
 - (C) 1990
 - (D) 1996
123. When did the Disaster Management Act passed ?
- (A) 2005
 - (B) 2006
 - (C) 2007
 - (D) 2008
124. What is called the manuals that identify the role of each officer in the state for managing the natural disasters ?
- (A) State Relief Manuals
 - (B) State Environment Protection Manuals
 - (C) State Disaster Manuals
 - (D) State Protection Manuals
125. Under which Ministry National Management Authority comes ?
- (A) Ministry of Environment
 - (B) Ministry of Foreign Affairs
 - (C) Ministry of Urban Development
 - (D) Ministry of Home Affairs
126. Who heads the National Crisis Management Committee ?
- (A) Prime Minister
 - (B) President
 - (C) Cabinet Secretary
 - (D) Ministry of Environment
127. Who released the First Disaster Management Plan of India ?
- (A) H. D. Deve Gowda
 - (B) Atal Bihari Vajpayee
 - (C) Manmohan Singh
 - (D) Narendra Modi
128. Where is the National Disaster Management Authority (NDMA) located ?
- (A) Bangalore
 - (B) Mumbai
 - (C) New Delhi
 - (D) Kanpur

129. How much of India's coastline is vulnerable to disasters ?

- (A) 5000 km
- (B) 5500 km
- (C) 5700 km
- (D) 6000 km

130. _____ means the probability of occurrence within a specified period of time in a given area of a potentially damaging natural phenomenon.

- (A) Natural Calamity
- (B) Natural Hazard
- (C) Natural Risk
- (D) Natural Fury

131. Which one of the following indicator is used to carry out urban poverty assessment and monitoring at community level ?

- (A) Percent of kutcha and semi pucca shelters in a city
- (B) Number of illegal settlements
- (C) Percent of city population living in low-income settlements
- (D) Percent of households accessing loan from informal sources

132. Which of the following statement is false about 'Off site model' for the improvement of slums ?

- (A) Existing land is non-tenable
- (B) Always require temporary accommodation during transition
- (C) Livelihood is affected
- (D) Increases the distance from earlier work site

133. Which of the following is a characteristic of informal housing ?

- (A) Superior Quality of Basic Services
- (B) Developed on Encroached/ Non Tenable Land
- (C) Formal Transaction as per Government Act
- (D) None of these

134. Which one of the following scheme/ programme/policy is formulated for street vendors in the country ?

- (A) National Policy for Urban Street Vendors
- (B) Swarna Jayanti Shahri Rojgar Yojana
- (C) Jawaharlal Nehru National Urban Renewal Mission
- (D) National Strategy for Urban Poor

135. Dharavi is located in which city ?

- (A) Mumbai
- (B) Bangalore
- (C) Chennai
- (D) Delhi

136. According to the UN, components for measuring 'inclusive growth' is :

- (A) Economic well-being
- (B) Physical Infrastructure
- (C) Education
- (D) All of these

137. Which of the following approach for slum improvement is least preferred by the slum dwellers ?

- (A) On-site model
- (B) Near-site model
- (C) Off-site model
- (D) None of these

138. 'Indore Slum Networking Plan' has been planned by :

- (A) B. V. Doshi
- (B) Anil Laul
- (C) Dulal Mukherjee
- (D) Himanshu Parikh

139. PMGSY and JNNURM are two Indian Government Programmes which deal with :

- (A) Rural road development and urban basic service improvement respectively

(B) Rural sanitation services and under developed road maintenance respectively

(C) Peri-urban basic services and urban basic service improvement respectively

(D) Rural road development and urban transport development respectively

140. "Slum" deals with :

- (A) The legal status of a property
- (B) The physical aspects of the property
- (C) Both (A) and (B)
- (D) None of these

141. What does the acronym SMART stands for ?

(A) Standardised, Measurable, Achievable, Rewarded and Timely

(B) Specific, Measurable, Achievable, Rewarded and Timely

(C) Specific, Measurable, Actionable, Resource and Timely

(D) Suitable, Measurable, Achievable, Rewarded and Timely

142. The movement of people from central cities to smaller communities in the surrounding area is known as :

- (A) Reverse migration
- (B) Under urbanization
- (C) Sub urbanization
- (D) Over urbanization

143. Which among the following meaning is closest to the term 'over urbanisation' ?

- (A) Urbanization at the cost of village development
- (B) Urbanization without the essential infrastructure
- (C) Rapid urbanization
- (D) Emergence of megalopolis

144. Who developed the concept of urbanism as a way of life ?

- (A) Louis Wirth
- (B) Fisher
- (C) Louis Coser
- (D) None of them

145. Around _____ B. C., cities of Mohenjo-daro and Harappa came into being in the Valley of Indus River.

- (A) 250
- (B) 2500

(C) 1000

(D) 3500

146. Which one of the following concept of cities is not associated with 'blurring of the rural-urban distinction' ?

- (A) Conurbation
- (B) Deakota-Region
- (C) Edge City
- (D) Class II towns

147. Which heading is used to define cities developed according to segregation of race, class or gender ?

- (A) The Contested City
- (B) City-Region
- (C) Urban Fringe
- (D) Peri-Urban Zone

148. _____ area has population of ten lakhs or more, comprised of one or more districts and consisting of two or more municipalities or panchayats.

- (A) Metropolitan
- (B) Class I Size
- (C) Million-Plus
- (D) All of these

149. Match the following :

Institution **Year when institution
were established**

(a) Kolkata (I) 1957

Metropolitan
Development
Authority

(b) Bangalore (II) 1970

Agenda Task
Force

(c) Delhi (III) 1973

Development
Authority

(d) Chennai (IV) 2000

Metropolitan
Development
Authority

(a) (b) (c) (d)

(A) (I) (II) (III) (IV)

(B) (II) (IV) (I) (III)

(C) (IV) (I) (II) (III)

(D) (III) (IV) (I) (II)

150. Which one of the following is not a
type of Direct Participation ?

(A) Consumer Groups

(B) Individuals

(C) Citizen Groups

(D) Representatives of Municipal
Corporations

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