

1. Which is not a objectives of Building Bye laws ?
 (A) Allows disciplined and systematic growth of buildings and towns and prevent haphazard development
 (B) Protect safety of public against fire, noise, health hazards and structural failures
 (C) They provide health, safety and comfort to the people who live in buildings
 (D) Renovation of old buildings without any charge by the government
2. Which is not included in building codes ?
 (A) Structural Integrity (B) Fire Safety
 (C) Employee Salary (D) Mechanical Integrity
3. Which is not a Building Bye-Laws Characteristic ?
 (A) The rules must be specific, clear and the language of rules should be grammatically correct
 (B) Terms used should be defined clearly so that there must be one and only one meaning of the term
 (C) Due to some special conditions and requirements, some bye-laws differ from the bye-laws of other places
 (D) No modification is allowed if required
4. Line up to which the plinth of a building adjoining a street may be law-fully extended is called ?
 (A) Building Line (B) Building Boundary
 (C) Building Extend (D) Building Plan
5. _____ is the set of practices intended to reduce the destruction caused by fire.
 (A) Structural integrity (B) Employee salary
 (C) Fire safety (D) All of the above
6. Which plan give a perspective picture of a fully developed town.
 (A) Mater Plan (B) Key Plan (C) Town Plan (D) None of these
7. Which tax can be imposed by Nagar Nigam ?
 (A) Toll Tax (B) Electricity Tax
 (C) Entertainment Tax (D) House Tax
8. How many elected and Ex - Officio members are there in District Planning Committee ?
 (A) 20 and 5 (B) 20 and 3 (C) 20 and 2 (D) 23 and 2
9. The Twelfth Schedule of the Constitution lists which of the various Functions of Municipalities.
 (A) Urban planning including town planning
 (B) Planning for economic and social development
 (C) Roads and bridges
 (D) All of these
10. The Town Centre may be divided in to _____ types.
 (A) 1 (B) 2 (C) 3 (D) 4

11. What is a full form of GTPUDA ?
 (A) Gujarat Town Planning and Urban Development Act
 (B) Gujarat Transport Planning and Urban Development Act
 (C) Gujarat Transport Planning and Urban Design Act
 (D) Gujarat Town Planning and Urban Design Act
12. The TPS are micro plans prepared for about _____ hectares of area.
 (A) 50 to 100 (B) 100 to 150 (C) 100 to 200 (D) None of these
13. What is a Full Form of HUDCO ?
 (A) Housing and Union Development Corporation
 (B) Housing and Union Design Corporation
 (C) Housing and Urban Design Corporation
 (D) Housing and Urban Development Corporation
14. The master plan of Chandigarh was prepared by -
 (A) Maxwell Fry (B) Le Corbuisier (C) Albert Mayer (D) Maciej Nowicki
15. The master plan of Gandhinagar which was finalized was started on field wrt construction in -
 (A) 1968 (B) 1970 (C) 1967 (D) 1971
16. For Gandhinagar the area is well drained and has a gentle slope _____.
 (A) S-N to S-W (B) E-W to S-W (C) W-E to S-W (D) N-S to S-W
17. To be enforceable by law, the acceptance must be _____.
 (A) Absolute and Unconditional (B) Pure and Genuine
 (C) Full without addition (D) Incomplete and Unlawful
18. Which of the following is not a characteristics of good contract ?
 (A) Cleanliness (B) Clarity (C) Completeness (D) Easily Understood
19. Under which section of Indian contract act the legal enforceability can be evaluated ?
 (A) Section 2 (B) Section 10 (C) Section 18 (D) Section 31
20. When agreement is enforceable by law it becomes _____.
 (A) Contract (B) Offer (C) Acceptance (D) Tender
21. Which statement is correct ?
 1. All the contracts are agreements.
 2. All the agreements are not contracts.
 (A) Only statement 1 is correct (B) Only statement 2 is correct
 (C) Both statement 1 and 2 are correct (D) Both statement 1 and 2 are incorrect
22. With reference to the 'Sampriti Exercise', which of the following statements is/are true ?
 1. It is a joint military exercise between Indian Army and Royal Bhutan Army.
 2. It takes place every alternate year.
 Select the correct answer using the code given below:
 (A) 1 only (B) 2 only (C) Both 1 and 2 (D) Neither 1 nor 2

23. Consider the following statements about “grey” lists and “black” lists of Financial Action Task Force:
1. Blacklisted countries are those that took weak measures to combat money laundering and terror financing
 2. Grey Lists countries are those that are unwilling to fight money laundering and terrorist financing
- Which of the statements given above is/are correct ?
- (A) 1 only (B) 2 only (C) Both 1 and 2 **(D) Neither 1 nor 2**
24. Consider the following statement about ‘National Security Guard’.
1. It is an Indian Special Forces unit under the Ministry of Defence.
 2. The National Security Guard (NSG) was set up in 2001 after Indian Parliament attack as a Federal Contingency Deployment Force to tackle all facets of terrorism in the country.
- (A) 1 only (B) 2 only (C) Both 1 and 2 **(D) Neither 1 nor 2**
25. The Rajiv Gauba Panel’ recently seen in news relates to:
- (A) Data protection **(B) Mob Lynching** (C) FDI (D) Disinvestment
26. Consider the following statements regarding the ‘Global Liveability Index’:
1. It is released by Economist Intelligence Unit.
 2. It ranks 140 cities worldwide based on 30 qualitative and quantitative factors across five broad categories of Stability, Healthcare, Culture and environment, Education and Infrastructure.
- Select the correct Answer using the codes given below:
- (A) 1 only (B) 2 only **(C) Both 1 and 2** (D) Neither 1 nor 2
27. ‘Women Wizards Rule Tech Programme is related to:
- (A) To increase the number of women at senior levels in the Information Technology (IT) Industry.**
- (B) To improve the science education in school children.
- (C) To increase the enrollment of women in higher education and research.
- (D) None of the above.
28. With reference to ‘Cholanaikkan Tribe’, consider the following:
1. They are an ethnic group in the state of Tamil nadu.
 2. They call themselves as Malanaikan or sholanaikan.
- Select the correct Answer using the codes given below:
- (A) 1 only **(B) 2 only** (C) Both 1 and 2 (D) Neither 1 nor 2
29. Consider the following statement about the Global Gender Gap Report:
1. It is published by “World Health Organisation”.
 2. The Report is based on gender gap between women and men in five key areas: health, education, economy and politics and sports.
- (A) 1 only (B) 2 only (C) 1 and 2 **(D) Neither 1 Nor 2**

30. Match the following Philosophical Views:

- | | |
|--------------------|--|
| 1. Advaita | a. Supreme reality according to this philosophy is Brahman, and matter and soul are his qualities. |
| 2. Dvaita | b. It means dualism. |
| 3. Vishishtadvaita | c. Non-dualism or belief in one reality. Being the Brahman is the ultimate reality |

Choose the correct option using the codes given below:

- (A) 1 - a, 2 - b, 3 - c **(B) 3 - a, 2 - b, 1 - c** (C) 2 - a, 3 - b, 1 - c (D) 2 - a, 1 - b, 3 - c

31. Consider the following regarding 'Basava':

1. Basavanna was a great Tamil poet.
2. He was a shiva devotee and a social reformer.
3. He introduced the Vachana style of writing.

Which of the above statements is/are correct ?

- (A) 1 only **(B) 2 and 3 only** (C) 1 and 2 only **(D) All of the above**

32. Identify the following festival:

1. It is the most popular festival of Jaintia tribe.
2. It is celebrated in the month of July for good health, property and bumper harvest.
3. The non-Christian 'Pnar' people who believe either in the traditional faith of 'Niamtre' or Hinduism observe this festival. Select the correct option:

- (A) Hornbill Festival (B) Losar
(C) Ambubachi Mela **(D) Behdienkhlam festival**

33. What can be done in the case of termination of contract ?

- (A) A registered notice is served
(B) Contractor is allowed upto 14 days time to defend
(C) Both A and B
(D) None of the above

34. In construction contract consultants and contract have _____ type of relationship.

- (A) Working** (B) Contractual
(C) Both Working and Contractual (D) None of the above

35. What are the pillars of RERA ?

- (A) Compliance (B) Accountability
(C) Financial Transparency **(D) All of These**

36. How much money from each of payment made by customer needs to be deposited in project account as per RERA norms ?

- (A) 100%** **(B) 70%** (C) 50% (D) 25%

37. What all is included to ensure Transparency as per RERA norms ?
 (A) All statutory approvals & architectural plans on RERA site
 (B) No launch without RERA registration
 (C) Consent of allottees if any changes done
 (D) All of these
38. What does RWA stand for -
 (A) Rural Welfare Association (B) Railway Welfare Association
 (C) Residential Welfare Association (D) Regulatory Welfare Association
39. Registered broker allowed to sell _____ number of projects once registered with RERA.
 (A) 0 to 10 (B) 10 to 25 (C) 25 to 50 (D) Infinite
40. Under which section of RERA does the Act states that none of agent can sell any project without RERA registration & agent need to record their registration number with every sell made by agent/broker ?
 (A) Section 42 (B) Section 9 (C) Section 11 (D) Section 8
41. In a technical sense, the term property refers to
 (A) Rights of the land owned (B) A freehold estate
 (C) Personal Property only (D) Land & Building Only
42. Which of the following is considered as real property
 (A) Timber (B) Airspace above land
 (C) Crops under a prior sales contract (D) Landfill soil hauled
43. Which of the following is considered appurtenant to land ?
 (A) Stock in mutual water company
 (B) Right to way over another's adjoining land
 (C) Anything acquired by legal right and used with land for its benefit
 (D) All of the above
44. Which of the following is a less than freehold estate ?
 (A) Life Estate (B) Estate of Inheritance
 (C) Estate of Years (D) Estate in Remainder
45. Concerning real property, a joint tenancy interest and a community property interest are alike in which of the following ways ?
 (A) Ownership interests are equal
 (B) Only husband and wife are involved
 (C) Both owners must join in conveyance
 (D) Both provide right of survivorship
46. How many feet are there in a yard ?
 (A) 2.54 (B) 2.27 (C) 3 (D) 2.5

47. An agreement for the sale of community real property made by one spouse only is considered -
 (A) Valid (B) Illegal (C) Enforceable (D) Unenforceable
48. What is the best tool available to us that can prevent a fire from creating victims ?
 (A) Smoke Alarm (B) Fire Hydrant
 (C) Telephone (D) Powder Extinguisher
49. How many smoke alarms is it suggested to have in a dwelling or a house ?
 (A) 1 in every room (B) 1 on each floor (C) 2 on each floor (D) None of these
50. In an apartment building, who is responsible for testing and maintaining smoke alarms ?
 (A) Builder (B) Landlord (C) Tenant (D) Contractor
51. What should be done when the smoke alarm emits intermittent audible signals ?
 (A) Replace the detector (B) Change the connectors
 (C) Call Emergency (D) Change the battery
52. Which is a non-combustible building material with low coefficient of expansion ?
 (A) Glass (B) Steel (C) Asbestos (D) Wood
53. Carbon dioxide is used in which system of fire protection system ?
 (A) Internal Hydrants (B) Manual Fire Extinguisher
 (C) Automatic Sprinklers (D) Foam Sprinklers
54. Which of the following Shape of Plan makes home compact ?
 1. Square 2. Rectangle
 (A) 1 only (B) 2 only (C) Both 1 and 2 (D) Neither 1 nor 2
55. Engagement of local people in development project refers to -
 (A) Economic Development (B) Social Development
 (C) Participatory Development (D) Sustainable Development
56. 73rd Constitutional Amendment Act was passed in -
 (A) 1986 (B) 1992 (C) 1996 (D) 1991
57. Which act prescribes law related to contract in India ?
 (A) Indian Penal Code, 1877 (B) Indian Contract Act, 1872
 (C) Indian Construction Act, 1873 (D) Indian Condition Act, 1874
58. Which of the following method is used to forecast the population of old and very large city ?
 (A) Logistic curve method (B) Graphical method
 (C) Geometric progression method (D) Arithmetical increase method
59. As per IS 10500 : 2012, for drinking water in the absence of alternate source of water, the permissible limits for chloride and sulphate, in mg/L, respectively are
 (A) 250 and 200 (B) 200 and 250 (C) 1000 and 400 (D) 400 and 1000

60. The spacing between two bars in medium size screen ranges from -
 (A) 10 to 30 mm (B) 15 to 40 mm (C) 20 to 40 mm (D) 25 to 45 mm
61. The aerobic method of mechanical composting practised in India is called -
 (A) Bhopal Method (B) Nagpur Method (C) Pune Method (D) Indore Method
62. In the fourth week of June 2015, where was the agreement on waste management between two entrepreneurs and several civic bodies ?
 (A) Maharashtra (B) Gujarat (C) Uttar Pradesh (D) Assam
63. Among the following elements which is typically the most abundant in dried sewage sludge ?
 (A) Calcium (B) Phosphorus
 (C) Hydrogen Sulphide (D) Nitrogen
64. Which one of the following is a hygienic way of disposing solid waste and is more suitable if the waste contains more hazardous material and organic content ?
 (A) Composting (B) Landfilling (C) Incineration (D) Oxidation
65. As per CPCB, how much solid waste is generated per capita per day in large cities ?
 (A) 0.25 kg (B) 0.65 kg (C) 0.85 kg (D) 0.5 kg
66. Sludge bulking can be controlled by -
 (A) Aeration (B) Coagulation (C) Sedimentation (D) Chlorination
67. Solid waste treatment by pyrolysis refers to -
 (A) Heating in absence of air (B) Heating in presence of air
 (C) No heating (D) Treatment with chemicals before heating
68. The region where all of the light from the source is blocked is called -
 (A) Umbra (B) Shadow (C) Black hole (D) Antumbra
69. Efficiency of practically used solar cell is approximately -
 (A) 10% (B) 20% (C) 55% (D) 58%
70. The rate of current provided by a PV panel/ array for charging a lead-acid accumulator should be -
 (A) 2 – 3 Amp (B) 5 to 10 centi Amp
 (C) 5 – 10 Amp (D) 2 – 3 centi Amp
71. A roof with slopes in all the four directions and with a break in each slope is known as -
 (A) Miller Roof (B) Mat Roof (C) Sloped Roof (D) Mansard roof
72. The vertical sides of a door and window openings provided in a wall are known as -
 (A) Jamb (B) Struts (C) Verticals (D) Crockets
73. The protective coating applied on door or window frames before installing it is -
 (A) Anti Rot Paint (B) Red Oxide (C) Black Japan (D) Wood Primer
74. For a residential building the minimum clear width of tread required is -
 (A) 180 mm (B) 190 mm (C) 250 mm (D) 200 mm

75. In Engineers scales, designation M5 indicates the scales -
 (A) 1: 5 (B) 1: 50 (C) 1:20 (D) 1: 200
76. Which of these can be a legal issue in Contract ?
 (A) Unreasonable Attitude (B) Contractor being of poor means -
 (C) Unfair distribution of risks (D) All of the above
77. The angle which we can't make using both the Set-squares -
 (A) 75 degree (B) 15 degree (C) 125 degree (D) 150 degree
78. The size of the title block is _____ mm x _____ mm.
 (A) 25 by 10 (B) 100 by 150 (C) 185 by 65 (D) 100 by 65
79. Which is not the phase of e-commerce ?
 (A) Reinvention (B) Preservation (C) Consolidation (D) Innovation
80. NMEICT is an acronym for -
 (A) National Massive Education through Information and Communication Technology
 (B) National Mode of Education through Information and Communication Technology
 (C) National Mission on Education through Information and Communication Technology
 (D) National Multipurpose Education through Information and Communication Technology
81. Which of the following is related to the National Super Computing Mission of the Government of India ?
 (A) Param Om 800 (B) Parma II
 (C) Param Dev 10000 (D) Param Shivay
82. "E-aksharayan", recently in the news is related to -
 (A) An application to convert scanned printed Indian Language documents into a fully editable text format.
 (B) An application to monitor the Non- performing assets (NPA) of banks.
 (C) An application to monitor drop out rate in primary schools.
 (D) An application to promote girl education in India.
83. Which of the following is not component of e- governance ?
 (A) Political Component (B) Technological Component
 (C) Financial Component (D) Infrastructure Component
84. The dimensions which are smaller are to be placed _____.
 (A) Inside the view (B) Nearer to the view
 (C) On the view (D) Any of these
85. Which of the lines is a thin continuous line with the ends terminating in arrowheads and is enclosed by extension lines, outlines or centre lines ?
 (A) Leader Line (B) Dimension Line (C) Extension Line (D) Section Line
86. What is the inclination of the leader in a drawing ?
 (A) Leader Line (B) Dimension Line (C) Extension Line (D) Section Line

87. The representative factor is 4. The actual length is 20 mm. Find the length of drawing.
 (A) 80 mm (B) 800 mm (C) 8 m (D) 0.8 m
88. In orthographic projection each projection view represents how many dimensions of an object ?
 (A) All three (B) None (C) Only 1 (D) Any two
89. Code of Practice for General Engineering Drawing is published in _____.
 (A) 1950 (B) 1955 (C) 1960 (D) 1965
90. The commands Erase, Copy, Mirror, Trim, Extend, Break etc. belongs to which tool bar ?
 (A) Style Tool Bar (B) Draw Tool Bar (C) Layer Tool Bar (D) Modify Tool Bar
91. The command which works on two lines or a single polyline to create a bevelled edge is -
 (A) Trim (B) Fillet (C) Chamfer (D) Chamber
92. The total area of floor in-between walls and consists of floor of all rooms, verandahs passages, corridors, stair case, entrance halls, kitchen, stores, bath and latrines is known as -
 (A) Floor Area (B) Carpet Area (C) Builtup Area (D) Circulation Area
93. The value at the end of the utility period without being dismantled is -
 (A) Depleted Value (B) Salvage Value (C) Book Value (D) Market Value
94. For estimation of painting area of corrugated steel sheets, percentage increase in area above the plain area is -
 (A) 10 % (B) 12% (C) 14% (D) 15%
95. What is the command used to set a new coordinate system by shifting the working XY plane to be desired location is ?
 (A) VPOINT (B) SHIFT (C) ELEV (D) UCS
96. According to the Indian Standard Institute (ISI), which among the following designation has the size 1000 x 700 (in mm) ?
 (A) B1 (B) B2 (C) A2 (D) A0
97. The preferred size of the drawing sheets is recommended by the _____.
 (A) System Internationale (B) IS
 (C) BIS (D) ASHME
98. When offer is met with absolute and unconditional acceptance it becomes _____.
 (A) Contract (B) Tender (C) Agreement (D) Act
99. The expected out turn (cubic metre) of reinforced brickwork per mason per day is -
 (A) Two (B) Three (C) One and a half (D) One
100. For brickwork, no deduction is made for the area of opening up to -
 (A) 100 cm width (B) 0.1 sq.mt (C) 1 sq. mt (D) 10 cm width