

001. To join two or more text strings into one string which of the following function is used in MS Excel?  
 (A) Concat ( ) (B) Joint ( )  
 (C) Paste ( ) (D) Concatenate ( )
002. What is full for of TCP?  
 (A) Transmission Cyber Protocol (B) Transmission Control Protocol  
 (C) Transfer Control Panel (D) Transfer Control Protocol
003. Mail Merge option is available in which of the following menu?  
 (A) Insert (B) View  
 (C) Tools (D) Format
004. બે શબ્દ વચ્ચેનો ભેદ દર્શાવવા કયું વિરામચિહ્ન વપરાશે?  
 (A) એજનચિહ્ન (B) અલ્પવિરામ  
 (C) લઘુરેખા (D) લોપકચિહ્ન
005. “મને શિશુતણી ગમે સરળ સૃષ્ટિ સ્નેહ ભરી.” - છંદ ઓળખાવો.  
 (A) પૃથ્વી છંદ (B) મનહર છંદ  
 (C) અનુષ્ટુપ છંદ (D) સ્ત્રગ્ધરા છંદ
006. Which of the following words is plural?  
 (A) Index (B) Analysis  
 (C) Crisis (D) Criteria
007. Choose the grammatically correct sentence.  
 (A) Both I and Mansukh don't like horror films.  
 (B) Both Mansukh and I don't like horror films.  
 (C) Both I and Mansukh doesn't like horror films.  
 (D) Both Mansukh and I doesn't like horror films.
008. Choose the correct meaning of given proverb: “A watched pot never boils.”  
 (A) Time seems drag endlessly when you're waiting for something to happen.  
 (B) Time seems to pass by too quickly when you're enjoying something.  
 (C) One should never watch a boiling pot.  
 (D) Watching a boiling pot reduce the liquids boiling temperature.



009. The term of the chairman of Standing Committee under the Gujarat Provincial Municipal Corporation Act, 1949 shall be \_\_\_\_\_.  
(A) Two years  
(C) One and half year  
(B) Two and half years  
(D) Three years
010. Under the provisions of the Gujarat Provincial Municipal Corporation Act, 1949 no member of an essential service shall, without written permission of the Commissioner or any other authorised officer resign his office, withdraw or absent himself from the duties thereof without at least \_\_\_\_\_ notice given in writing to the Commissioner except in case of illness or accident or any other reason accepted by the Commissioner / authorised officer.  
(A) 15 days'  
(C) Two months'  
(B) One month's  
(D) 45 days'
011. As per the provisions of the Gujarat Provincial Municipal Corporation Act, 1949, the Commissioner may at any time be removed from office by the State Government for incapacity, misconduct or neglect of duty and shall forthwith be so removed if at a meeting of the Corporation, not less than \_\_\_\_\_ of the whole member of councillors vote in favour of a resolution requiring his removal.  
(A)  $\frac{3}{4}$ th  
(C)  $\frac{2}{3}$ rd  
(B)  $\frac{5}{8}$ th  
(D)  $\frac{1}{3}$ rd
012. Who shall have the power to execute any contract relating to acquisition or disposal of an immovable property on behalf of the Corporation under the provisions of the Gujarat Provincial Municipal Corporation Act, 1949?  
(A) Commissioner  
(C) Standing Committee  
(B) Mayor  
(D) Special Committee
013. Any contract made contrary to the provisions of the Gujarat Provincial Municipal Corporation Act, 1949 is \_\_\_\_\_.  
(A) Is voidable at the discretion of the Commissioner..  
(B) Is voidable at the discretion of Standing Committee  
(C) Not binding upon the corporation.  
(D) Binding upon the corporation irrespective of the fact that it is contrary to the provisions of the aforesaid Act.
014. Under the Gujarat Provincial Municipal Corporation Act, 1949, after giving one month's prior notice to the residents, the Commissioner \_\_\_\_\_.  
(A) Has, with the sanction of the Corporation power to permanently close the whole or any part of a public street vested in the Corporation.  
(B) Has absolute power to close the whole or any part of a public street vested in the Corporation.  
(C) May, with the permission of residents of affected locality temporarily close the whole or part of a public street vested in Corporation.  
(D) Has with the sanction of the standing committee power to permanently close whole or any part of a public street vested in corporation.



015. As per section 391 of the Gujarat Provincial Municipal Corporation Act, 1949, if any person is aggrieved by the amount of compensation paid to him by the Commissioner, he may prefer appeal to \_\_\_\_\_ within a period of \_\_\_\_\_.  
(A) State Government, one month (B) State Government, three months  
(C) Judge, one month (D) Judge, three months
016. As per the provisions of the Gujarat Provincial Municipal Corporation Act, 1949, any officer/servant of the Corporation knowingly prepares or makes an entry in the list of persons qualified to be enrolled as voters at ward election which is false or incorrect, shall on conviction be punished \_\_\_\_\_.  
☒ (A) With imprisonment of either description upto six months or fine upto Rupees 500 or with both.  
(B) With imprisonment of either description upto 1 year or fine upto Rupees 1000 or with both.  
(C) With imprisonment of either description upto 3 years or fine upto Rupees 10,000 or with both.  
(D) With imprisonment of either description upto 3 months or fine upto Rupees 500 or with both.
017. The appeal against any rateable valuation or tax fixed or charged under the Gujarat Provincial Municipal Corporation Act, 1949 be brought within \_\_\_\_\_ days after the accrual of the cause of complaint.  
(A) Seven (B) Ten  
(C) Thirty ☒ (D) Fifteen
018. Any rule made by the Corporation which are inconsistent with the rules framed by the State Government under the Gujarat Provincial Municipal Corporation Act, 1949 shall be \_\_\_\_\_.  
(A) Considered to be null and void in its entirety.  
(B) Declared as null and void to the extent of its inconsistency.  
(C) Irregular and becomes operative subject to approval of the State Government.  
(D) Valid and it will be discretion of Judge of Civil Appellate Court as to which of the rule will prevail over other.
019. As per the provisions of the Gujarat Town Planning and Urban Development Act, 1976, at least once in \_\_\_\_\_, from the date on which a final development plan comes into force, the area development authority shall revise the development plan after carrying out, if necessary, fresh survey.  
(A) 7 years (B) 10 years  
(C) 12 years (D) 15 years

020. Under the provisions of the Gujarat Town Planning and Urban Development Act, 1976, Any person who, whether at his own instance or at the instance of any other person commences, undertakes or carries out development without the permission required under Sec.27 or which is not in accordance with any permission granted or in contravention of any condition subject to which such permission has been granted shall, on conviction be punished with \_\_\_\_\_ for the first offence.
- (A) Fine which may extend to Rs. 50000/-  
(B) Fine which may extend to Rs. 10000/-  
(C) Fine which may extend to Rs. 25000/-  
(D) Fine which may extend to Rs. 5000/-.
021. As per the provisions of the Gujarat Town Planning and Urban Development Act, 1976, the development charges leviable on lands and buildings shall not exceed \_\_\_\_\_ per hectar in case of development of land, and \_\_\_\_\_ per square meter in case of development of building.
- (A) Rs. 50000, Rs. 15  
(B) Rs. 1,00,000, Rs. 50  
(C) Rs. 25000, Rs. 10  
(D) Rs. 10,00,000, Rs. 100
022. As per section 77 of the Gujarat Town Planning and Urban Development Act, 1976, \_\_\_\_\_ % of the amount of the cost of infrastructure provided in the area adjacent to the area of the scheme as is necessary for the purpose of and incidental to the scheme.
- (A) 10 %  
(B) 15 %  
(C) 20 %  
(D) 25 %
023. Any amount received towards development charge and fees collected under the provisions of the Gujarat Town Planning and Urban Development Act, 1976 shall be credited to a fund called \_\_\_\_\_.
- (A) Development Charge Fund  
(B) Consolidated Infrastructure Fund  
(C) Town Planning and Urban Development  
(D) Contingency Utilization Fund
024. Under the provisions of the Gujarat Town Planning and Urban Development Act, 1976, the Town Planning Officer shall, within a period of \_\_\_\_\_ from the date of his appointment, sub-divide the town planning scheme into a preliminary scheme and a final scheme.
- (A) 12 Months  
(B) 18 Months  
(C) 3 Months  
(D) 6 Months
025. Which of the following information cannot be supplied to the applicant as per the provisions of the Right to Information Act, 2005 ?
- (A) Information about the salary drawn by the employees under any public office.  
(B) Information regarding the qualification of any employee / officer working in any public office.  
(C) Information regarding Trade Secret or Intellectual Property Rights.  
(D) Any information demanded from Public Office prior to one year of the incident.



026. If any information demanded by the applicant is relating to life or liberty of any person, then such information shall be provided by the Public Information Officer within \_\_\_\_\_ as per the Right to Information Act, 2005.
- (A) 36 Hours (B) 24 Hours  
(C) 72 Hours (D) 48 Hours
027. Under the provisions of the Real Estate (Regulation and Development) Act, 2016, no registration of Real Estate Project shall be required where the area of land proposed to be developed does not exceed \_\_\_\_\_.
- (A) 500 square meters (B) 1000 square meters  
(C) 300 square meters (D) 200 square meters
028. Under the Real Estate (Regulation and Development) Act, 2016, after making an application by a promoter to the Authority for registration of real estate project, if the authority fails to grant the registration or reject an application, the project shall be deemed to have been registered on expiry of \_\_\_\_\_ days from the date of receipt of application.
- (A) 15 days (B) 30 days  
(C) 45 days (D) 60 days
029. Any person aggrieved by the direction or decision or order made by the Real Estate Regulatory Authority under the Real Estate (Regulation and Development) Act, 2016 may \_\_\_\_\_.
- (A) Prefer appeal before the Central Advisory Council  
(B) Prefer revision before the Central Advisory Council  
(C) Prefer appeal before the Real Estate Appellate Tribunal  
(D) Prefer revision before the Real Estate Appellate Tribunal
030. National Disaster Management Authority constituted under the Disaster Management Act, 2005 shall consist of \_\_\_\_\_.
- (A) Chairperson and other members not exceeding fifteen  
(B) Chairperson and other members not exceeding twelve  
(C) Chairperson and other members not exceeding five  
(D) Chairperson and other members not exceeding nine.
031. \_\_\_\_\_ shall be constituted for the purpose of specialist response to a threatening disaster situation or disaster under the Disaster Management Act, 2005.
- (A) National Institute of Disaster Management  
(B) National Disaster Response Force  
(C) National Authority  
(D) National Executive Committee



032. Under the provisions of Solid Waste Management Rules, 2016, in case of an accident at any solid waste processing or treatment or disposal facility or land fill site, the officer in-charge of the facility shall report to the local body in \_\_\_\_\_ and the local body shall review and issue instructions if any, to the in-charge of the facility.
- (A) Form - II - A (B) Form - IV  
(C) Form - VI (D) Form - III - A
033. The standard of processing and treatment of solid waste is given in which of the following schedule of the Solid Waste Management Rules, 2016?
- (A) Schedule - I (B) Schedule - III  
(C) Schedule - IV (D) Schedule - II
034. "Kochrab Ashram" was established in which of the year?
- (A) 1915 (B) 1916  
(C) 1918 (D) 1920
035. The Ahmedabad Spinning and Weaving Company Ltd. was the first textile mill and garments company established in Ahmedabad in \_\_\_\_\_ year.
- (A) 1820 (B) 1861  
(C) 1920 (D) 1915
036. ATIRA was established in which year?
- (A) 1923 (B) 1936  
(C) 1944 (D) 1947
037. The Battle of Plassey was fought in \_\_\_\_\_.
- (A) 1757 (B) 1782  
(C) 1748 (D) 1764
038. Which of the following is a non-metal that remains liquid at room temperature?
- (A) Phosphorous (B) Bromine  
(C) Chlorine (D) Helium
039. Gilt-edged market means
- (A) Bullion Market (B) Market for Government Securities  
(C) Market of pure metals (D) Loan Market
040. Who is the first Indian woman to win an Asian Games gold in 400m run?
- (A) M. L. Valsamma (B) P. T. Usha  
(C) Kamaljit Sandhu (D) K. Malleshwari
041. Which of the following city is known as 'White City' of Rajasthan?
- (A) Jaipur (B) Udaipur  
(C) Jodhpur (D) None of the given



042. The Indian Red Cross Society was established in the year \_\_\_\_\_  
 (A) 1920 (B) 1932  
 (C) 1945 (D) 1967
043. Who is the chairman of GMRC (Gujarat Metro Rail Corporation)?  
 (A) Shri S. S. Rathod (B) Shri Satyendrasinh Rathod  
 (C) Shri Manoj Joshi (D) Shri Jaydeep Shah
044. Arrange the words given below in a meaningful sequence.  
 1. Key  
 2. Door  
 3. Lock  
 4. Room  
 5. Switch on  
 (A) 5, 1, 2, 4, 3 (B) 4, 2, 1, 5, 3  
 (C) 1, 3, 2, 4, 5 (D) 1, 2, 3, 5, 4
045. If South-East becomes North and South becomes North-East and all the rest directions are changed in the same manner then what will be the direction for West?  
 (A) North-East (B) North-West  
 (C) South-East (D) South-West
046. What will be the next number in the series 13, 17, 19, 23, 29, \_\_\_\_\_?  
 (A) 31 (B) 33  
 (C) 35 (D) 37
047. A father said to his son, "I was as old as you are at the present at the time of your birth." If the father's age is 38 years now, the son's age five years back was:  
 (A) 14 years (B) 19 years  
 (C) 33 years (D) 38 years
048. Three pipes A, B and C can fill a tank from empty to full in 30 minutes, 20 minutes and 10 minutes respectively. When the tank is empty, all the three pipes are opened. A, B and C discharge chemical solutions P, Q and R respectively. What is the proportion of the solution R in the liquid in the tank after 3 minutes?  
 (A) 5/11 (B) 6/11  
 (C) 7/11 (D) 8/11
049. Which of the following is not a keyboard shortcut of AutoCAD?  
 (A) Ctrl + P (B) Alt + F4  
 (C) Alt + B (D) Ctrl + F4
050. What you cannot create from the command offset?  
 (A) Vertical Straight (B) Concentric Circles  
 (C) Three Parallel lines (D) Parallel arcs

051. The quantity of fine aggregate required for 1 m<sup>3</sup> of M15 concrete is  
(A) 0.217 m<sup>3</sup> (B) 0.434 m<sup>3</sup>  
(C) 0.868 m<sup>3</sup> (D) 1.512 m<sup>3</sup>
052. Which of the method is used to remove permanent hardness from water?  
(A) Boiling (B) Using potassium permanganate  
(C) Zeolite process (D) Ozone treatment
053. Which is not the coagulant used in the treatment of water?  
(A) Alum (B) Copper sulphate  
(C) Ferric sulphate (D) Sodium aluminate
054. Which is not the process involved in the self-purification of stream?  
(A) Dilution (B) Sedimentation  
(C) Filtration (D) Coagulation
055. Read the following chemicals/gas in relation of disinfection process of water  
1) Ozone  
2) Bleaching powder  
3) Chlorine  
4) Ferrous sulphate  
Which chemicals / gas are used for disinfection of water?  
(A) 1, 2 and 3 (B) 1, 2, and 4  
(C) 2, 3, and 4 (D) 1, 3 and 4
056. The method used to determine the hardness of water is  
(A) EDTA method (B) Lime soda process  
(C) Demineralization process (D) Activated carbon method
057. Which method uses anaerobic bacteria for decomposing sewage?  
(A) Oxidation pond (B) Activated sludge process  
(C) Septic tank (D) Trickling filter
058. Which statement is **not** true in the case of methods of construction project planning?  
(A) Milestone chart is modified version of bar charts.  
(B) PERT uses event-oriented network diagrams in which successive events are joined by arrows.  
(C) CPM uses activity -oriented network diagrams in which each activity is represented by an arrow.  
(D) In PERT, cost is the controlling factor.



059. Read the following sentences in relation of event and activity

- 1) Excavate trench
- 2) Prepare specifications
- 3) Design completed
- 4) Pipe line laid

Which option is true?

- (A) 1, 2 are events and 3, 4 are activities
- (B) 1, 2 are activities and 3, 4 are events
- (C) 1, 3 are event and 2, 4 are activities
- (D) 1, 3 are activities and 2, 4 are events

060. LST = Latest start time

LFT = Latest finish time

EST = Earliest start time

EFT = Earliest finish time

Which is the correct expression for total float?

- (A)  $LFT - EST$
- (B)  $LST - EST$
- (C)  $EFT - EST$
- (D)  $EFT - LFT$

061. Which statement is correct in the case of float in critical path method?

- (A) Total float is the excess of minimum available time over the activity time.
- (B) Free float is the excess of available time over the activity time.
- (C) Interfering float is the difference between total float and free float.
- (D) Interfering float is equal to tail event slack.

062. Representative fraction (RF) of scale 1cm = 5 km is equal to

- (A) 1/50000
- (B) 1/500000
- (C) 1/5000
- (D) 1/500

063. Using RF 1/5000, the distance between two points A and B on the map was found to be 500m. The distance between the same point when measured with a scale of RF 1/1000 will be

- (A) 1000 m
- (B) 100 m
- (C) 10 m
- (D) 10000 m

064. The details of excavation in a building can be obtained by

- (A) Plan
- (B) Elevation
- (C) Section
- (D) Foundation plan

065. As per the Comprehensive Development Control Regulations, 2017, the Ahmedabad Urban Development Authority (constituted under sec.22 of the Gujarat Town Planning and Urban Development Act, 1976) is categorized in \_\_\_\_\_ category.

- (A) D1(5)
- (B) D2(4)
- (C) D3(5)
- (D) D6(1)



066. Which of the following means "Dwelling - 2" under the Comprehensive Development Control Regulations, 2017?

- (A) A detached dwelling unit used for residential purpose.
- (B) Semi-detached building, row house, tenement, used for residential or cottage industry or pre-school purpose.
- (C) Multi-story building used for habitation of multiple families and/or individuals such as apartments, flats, hostels, lodging and boarding or cottage industry or pre-school purpose.
- (D) Multi story five star hotels located in metropolitan cities.

067. Under the Comprehensive Development Control Regulations, 2017, the buildings with more than 16.50 meters and less than and equal to 30 meters height fall under \_\_\_\_\_.

- (A) H1 Category
- (B) H2 Category
- (C) H3 Category
- (D) H4 Category

068. As per the Comprehensive Development Control Regulations, 2017, Built-up Area means \_\_\_\_\_.

- (A) The areas covered by a unit on within a building including the cantilevered portions, if any, but except the areas specifically excluded under these regulations.
- (B) The horizontal spatial limits upto which a building may be permitted to be constructed on a plot.
- (C) A land or plot or part of a land/plot or combination of more than one land/plot as approved by the Competent Authority.
- (D) Areas covered by a building on all floors including the cantilevered portions, if any, including walls and columns, but except the areas specifically excluded under these regulations.

069. Under the Comprehensive Development Control Regulations, 2017, which of the following falls within the definition of "Low-rise building" (For buildings constructed in the jurisdiction of GIDC Act) ?

- (A) A building having height not more than 25 meters above the plot level in case the building is on stills.
- (B) A building having height not more than 20 meters above the plot level in case the building is on stills.
- (C) A building having height not more than 15 meters above the plot level in case the building is on stills.
- (D) A building having height not more than 12 meters above the plot level in case the building is on stills.

070. The fees for Revalidation of Development Permission of Mining, Quarrying and Brick Kiln Operators before the expiry of the period of validity is \_\_\_\_\_ under the Comprehensive Development Control Regulations, 2017 ?

- (A) Rs. 300
- (B) Rs. 500
- (C) Rs. 1000
- (D) Rs. 5000




071. As per the safety requirement for the building height above 45 meters under the Comprehensive Development Control Regulations, 2017, a third party inspection check is mandatory and the third party shall submit \_\_\_\_\_ report to the committee under Regulation 4.7.
- (A) Structural Safety Report (B) Structural Safety Plan  
(C) Building Safety Plan (D) Building Safety Report
072. Under the provisions of the Comprehensive Development Control Regulations, 2017, for the buildings listed in \_\_\_\_\_, the Chief Fire Officer (CFO) shall carry out inspections at appropriate intervals, to ensure that the fire protection requirements and measures for such building under construction are adequate and operational.
- (A) Schedule 7 (B) Schedule 11  
(C) Schedule 1 (D) Schedule 9
073. The particulars about Drawings, specifications and documents to be submitted with application for obtaining/revising Development Permission for Buildings and for sub-division and amalgamation of building unit/plot is listed in \_\_\_\_\_ of the Comprehensive Development Control Regulations, 2017.
- (A) Schedule 1B (B) Schedule 2A  
(C) Schedule 2B (D) Schedule 3A
074. The list of Building Specification verified by Competent Authority before issue of Building User Permission is given in \_\_\_\_\_ of the Comprehensive Development Control Regulations, 2017.
- (A) Schedule 6 (B) Schedule 8  
(C) Schedule 9 (D) Schedule 10
075. Which is **not** correct in the case of measured bearing?
- (A) The whole circle bearing is always measured in clock wise direction from magnetic north.  
(B) The maximum numerical value of quadrantal bearing is  $90^\circ$ .  
(C) The quadrantal bearing is measured from magnetic north or south which ever is nearer.  
(D) The whole circle bearing is can be measured in clock wise or anti-clock wise direction from magnetic north.
076. Which of the sights are measured on change point in case of fly levelling?
- (A) Back sight (B) Fore sight  
(C) Intermediate sight (D) Back sight and Fore sight
077. The area of an irregular figure can be measured with the help of
- (A) Theodolite (B) Planimeter  
(C) Dumpy level (D) Prismatic compass



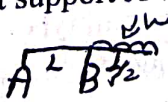
078. Which is the following is incorrect in the case of contour?
- (A) Equally spaced contours generally represent a uniform slope.
  - (B) The vertical distance between two contours is termed as contour interval.
  - (C) A contour passing through any point is parallel to the line of steepest slope at that point.
  - (D) The numerical value of contour does not represent the reduced level at a point.

079. A curve which consists of two circular arcs of same or different radii having their centers to the different sides of the common tangent is termed as
- (A) Reverse curve
  - (B) Compound curve
  - (C) Transition curve
  - (D) Simple circular curve

080. Which is the following instrumental method is not used for setting a simple circular curve?
- (A) Two theodolite method
  - (B) Tacheometric method
  - (C) Rankine method of tangential angle
  - (D) Plane table method

081. A simply supported beam has an effective span of 16 m. What shall be the limiting ratio of span to effective depth as per IS 456-2000?
- (A) 26
  - (B) 20
  - (C) 12.5 
  - (D) 7

082. A point on Mohr's circle represents
- (A) Normal and shear stress
  - (B) Principal stress and shear stress
  - (C) Major and minor principal stress
  - (D) Maximum shear and Principal stress

083. An overhang beam AB is having span L between supports and overhang length L/2 beyond support B. If a UDL 'w' is applied on a length L/2 on either side of support B, the reaction at support A will be ?
- (A)  $wL/2$
  - (B)  $wL/4$
  - (C) zero 
  - (D)  $wL$

084. Term  $[EI \cdot d^2y/dx^2]$  represents
- (A) Bending moment
  - (B) Shear force
  - (C) Slope of bending moment diagram
  - (D) Maxima-minima condition for deflection



085. Intermediate vertical stiffeners are provided in the plate girders to  
(A) Eliminate web buckling (B) Eliminate local buckling  
(C) Transfer concentrated load (D) Prevent excessive deflection
086. In prestressed concrete, the maximum loss of stress in pre-tensioning is due to  
(A) Creep in steel (B) Shrinkage in concrete  
(C) Elastic shortening in concrete (D) Creep in concrete
087. If a brick is cut in such a way that the width of one end becomes half that of a full brick, while the width at the other end is equal to the full width, then it is called as  
(A) Queen closer (B) King closer  
(C) Mitred closer (D) Bevelled closer
088. The element provided to serve as protective covering to the wall at its top is termed as  
(A) Coping (B) Corbel  
(C) Jamb (D) Threshold
089. Which is not a disadvantage of cement concrete flooring?  
(A) The topping is damaged during subsequent operations  
(B) Hair cracks developed because of the settlement of freshly laid base course  
(C) Work progress is slow  
(D) Floor is durable and easy to construct
090. Which is not a type of pitched roof?  
(A) Terraced roof (B) Gable roof  
(C) Lean to roof (D) Mansard roof
091. The development of local swelling on the finished plastered surface due to residual unslaked lime nodules is known as  
(A) Efflorescence (B) Bleeding  
(C) Blistering (D) Segregation
092. Which of the statement is not true in the case of boring used for site exploration?  
(A) Hand augers are generally used up to depth of 6m.  
(B) Wash boring cannot be used in case of boulders and rocks  
(C) Percussion boring is suitable for all types of soils, boulders and rocks  
(D) Rotary drilling is a slow method drilling in soils and rock
093. Which is not a method of improving the safe bearing pressure of soils?  
(A) Increasing the depth of foundation  
(B) Compacting the soil  
(C) Watering the soil  
(D) Grouting and chemical treatment



094. The dimension of queen closer in case of nominal size of brick is?  
(A) 20cm x 10cm x 10cm (B) 20cm x 10cm x 5cm  
(C) 10cm x 10cm x 10cm (D) 20cm x 5cm x 5cm
095. The damp proof course is measured in the unit  
(A) Square meter (B) Cubic meter  
(C) Running meter (D) Can be measured in any unit
096. Which is not required to prepare estimate of a construction project?  
(A) Drawings (B) Specification  
(C) Rates (D) Site investigation details
097. Read the following statements  
1) When expenditure on a work exceeds or likely to exceeds the amount of administrative sanction by more than 5 %  
2) When the original sanctioned estimate is likely to exceed more than 5% due to changes in the quantity of material or rates.  
3) When there is material deviation from the original proposed even though the cost may be met from the sanctioned amount  
Which is true for the required condition for preparation of the revised estimate of a construction project?  
(A) 1 and 2 are true (B) 1 and 3 are true  
(C) 2 and 3 are true (D) 1, 2 and 3 are true
098. Which is not a type of estimate?  
(A) Plinth area estimate (B) Annual repair estimate  
(C) Rate estimate (D) Supplementary estimate
099. The correct ratio of cement, fine aggregate and coarse aggregate in the case of M25 concrete is  
(A) 1:1:2 (B) 1:1.5:3  
(C) 1:2:4 (D) 1:3:6
100. While preparing estimate for item of plastering, read rules of deduction as below  
1) No deduction is made for ends of beam, rafter etc.  
2) For small opening upto 0.5 sqm and not exceeding 3 sqm, no deduction is made.  
3) For opening above 3 sqm, deduction is made for both face of opening and jambs, soffits and sills are to be taken into account.  
Which option is correct?  
(A) 1 and 2 are correct (B) 1 and 3 are correct  
(C) 2 and 3 are correct (D) 1, 2 and 3 are correct