

50. Isotopes of the same element have
 (A) Same number of neutrons
 (B) Same atomic mass
 (C) Same number of protons
 (D) Different atomic number
51. In a reaction between Zinc and Iodine, Zinc Iodide is formed. What is being oxidised ?
 (A) Zinc ions (B) Iodide ions
 (C) Zinc Atom (D) Iodine
52. Which of the following halogens is the best oxidising agent ?
 (A) F_2 (B) Cl_2 (C) Br_2 (D) I_2
53. Nitrogen is used to fill electric bulbs because it
 (A) is lighter than air
 (B) makes the bulb to give more light
 (C) does not support combustion
 (D) is non-toxic
54. Froth floatation process for the concentration of Ores is an illustration of the practical application of
 (A) Adsorption (B) Absorption
 (C) Coagulation (D) Sedimentation
55. The process of increasing fertility of soil by earthworms is known as
 (A) Organic farming (B) Vermicomposting
 (C) Eutrophication (D) Worm Casting
56. The most abundant element present in the plants is :
 (A) Iron (B) Carbon
 (C) Nitrogen (D) Manganese
57. An enzyme brings about
 (A) Decrease in reaction time (B) Increase in reaction time
 (C) Increase in activation energy (D) Reduction in activation energy
58. Kidneys are not only organs of excretion, their work is supplemented by
 (A) Liver (B) Heart
 (C) Large intestine (D) Skin
59. The longest cell in the body of an animal is
 (A) Osteocytes (B) Neuron
 (C) Chromatophores (D) Lymph corpuscles
60. Vitamin needed for blood coagulation is
 (A) E (B) D (C) K (D) C

61. The 1929 session of Indian National Congress is of significance in the history of the Freedom Movement because the
- attainment of Self-Government was declared as the objective of the Congress
 - attainment of Poorna Swaraj was adopted as the goal of the Congress
 - Non-Cooperation Movement was launched
 - decision to participate in the Round Table Conference in London was taken
62. The movement that came to an abrupt end due to the Chauri Chaura incident was the
- Wahabi Movement
 - Home Rule Movement
 - Non-Cooperation Movement
 - Civil Disobedience Movement
63. Match the following:
- | | |
|-----------------------|-----------------------|
| P) C.R. Das | 1. Bardoli Satyagraha |
| Q) Vallabh Bhai Patel | 2. Swarajist |
| R) Abdul Ghaffar Khan | 3. Khilafatist |
| S) Maulana Azad | 4. Khudai Khidmatgar |
- P-2, Q-1, R-4, S-3
 - P-2, Q-4, R-1, S-3
 - P-4, Q-1, R-3, S-2
 - P-2, Q-1, R-3, S-4
64. Money can be spent out of the Consolidated Fund of India
- with the approval of the President
 - with the approval of the Parliament
 - with the approval of the CAG
 - with the approval of the above authorities
65. Which of the following is not a condition for becoming a Citizen of India ?
- Birth
 - Descent
 - Acquiring property
 - Naturalisation
66. The Oath of Office is conducted to the President of India by
- The Speaker of Lok Sabha
 - The Chief Justice of India
 - The Vice-President of India
 - The Prime-Minister of India
67. Dew is caused when
- humid air condenses on cool surface
 - the sky is overcast at night
 - the air is colder than the earth's surface
 - the wind is too dry to cause rainfall
68. Corbett National Park is in
- Bihar
 - Madhya Pradesh
 - Uttarakhand
 - Himachal Pradesh

69. Which crop requires water-logging for its cultivation ?
 (A) Tea (B) Coffee
 (C) Rice (D) Mustard
70. One can open a Savings Account in India except in
 (A) A Nationalised Bank (B) A Cooperative Bank
 (C) a Private Bank (D) Reserve Bank of India
71. The Term "Inside Trading" is related to
 (A) Share Market (B) Horse racing
 (C) Taxation (D) Public expenditure
72. The term MOM was in news in relation to
 (A) CAG report (B) Asian Games
 (C) Mangalyaan (D) Election Commission
73. Merdeka Cup is associated with
 (A) International Table Tennis (B) Badminton
 (C) Hockey (D) International Football
74. Recently, referendum for independence was held in
 (A) Hongkong (B) Ireland
 (C) Scotland (D) Germany
75. Match Col. X (Sportsperson) and Col. Y (Sports) :
- | <u>Col. X</u> | <u>Col. Y</u> |
|------------------------|------------------------|
| P. Jitu Rai | 1. Badminton |
| Q. Heena Sidhu | 2. Wrestling |
| R. Jwala Gutta | 3. Shooting |
| S. Yogeshwar Dutt | |
| (A) P-3, Q-3, R-1, S-2 | (B) P-2, Q-3, R-1, S-2 |
| (C) P-2, Q-2, R-1, S-3 | (D) P-3, Q-1, R-1, S-2 |
76. Which of the following celebrities was recently appointed as "Brand Ambassador" of Telengana?
 (A) Deepika Pallikal (B) VVS Laxman
 (C) Saina Nehwal (D) Sania Mirza
77. EBOLA is a
 (A) virus disease confirmed in West Africa
 (B) name of Tsunami
 (C) Name of anti-terrorist operation in Arab Country
 (D) volcano in African Hills

78. BKS Iyengar, who died recently, was a world renowned _____
(A) Yoga Guru (B) Artist
(C) Folk Singer (D) Film Director
79. Which Country has recently launched "Gandhi Inspired Tourist Attraction Project" ?
(A) England (B) South Africa
(C) USA (D) Japan
80. Who among the following has designed the logo and slogan of the "Swachh Bharat Abhiyan"
(A) Neelam Bhattacharjee (B) Anant and Bhagyashree
(C) Uday Kumar (D) Virman Kohli
81. The slogan of Asian Games Incheon 2014 was
(A) Green, Clean and Friendship
(B) We Cheer, We Share, We Win
(C) Diversity Shines here
(D) The Games of Your Life
82. "The "Helmand Province" of Afghanistan is famous for cultivation of
(A) Tobacco (B) Wheat
(C) Cotton (D) Opium
83. Main objective of newly announced "Pradhanmantri Jan-Dhan Yojna" is _____ ?
(A) to provide a bank account to every poor
(B) to provide a interest free loan to farmers
(C) to provide financial assistance to tribal communication
(D) to provide free medical facility to minority people
84. Consider the following pairs :
1. Garba : Gujarat
2. Mohiniattam : Odisha
3. Yakshagana : Karnataka
Which of the pairs given above is/are correctly matched ?
(A) 1 only (B) 2 and 3 only
(C) 1 and 3 only (D) 1, 2 and 3

85. Devdas and Parinita are Principal literary works by
 (A) Rabindra Nath Tagore (B) Sarat Chandra Chatterjee
 (C) Satyajit Ray (D) Munshi Premchand
86. The capacity of two pots is 120 litres and 56 litres respectively. The capacity of a container which can exactly measure the contents of the two pots is
 (A) 7500 cc (B) 7850 cc
 (C) 8000 cc (D) 9500 cc
87. A sum of ₹312 was divided among 60 boys and some girls in such a way that each boy gets ₹3.60 and each girl ₹2.40. The number of girls is
 (A) 35 (B) 40 (C) 60 (D) 65
88. Some students planned a trip. The budget for food was ₹500. But, 5 of them failed to go and thus the cost of food for each member increased by ₹5. How many students attended the trip?
 (A) 15 (B) 20 (C) 25 (D) 30
89. In a class, there are two sections A and B. If 10 students of section B shift over to section A, the strength of A becomes three times the strength of B. But, if 10 students shift over from A to B, both A and B are equal in strength. How many students are there in sections A and B?
 (A) 50 and 30 (B) 45 and 15
 (C) 90 and 40 (D) 80 and 40
90. 1250 articles were distributed among students of a class. Each student got twice as many articles as the number of students in that group. The number of students in the group was:
 (A) 25 (B) 45
 (C) 50 (D) 100
91. The average of marks of 28 students in Maths was 50. 8 students left the school and then the average increased by 5. What is the average of marks obtained by the students who left the school?
 (A) 37.5 (B) 42.5
 (C) 45 (D) 50.5
92. Six persons went to a hotel for meals. Five of them spent ₹32 each on their meals while the 6th person spent ₹80 more than the average expenditure of all the six. Total money spent by all the persons is:
 (A) ₹192 (B) ₹240
 (C) ₹288 (D) ₹336

93. The sum of two numbers is 2490. If 6.5% of one number is equal to 8.5% of the other, the greater number is :
- (A) 1079 (B) 1380
(C) 1411 (D) 1250
94. X is 40 years old and Y is 60 years old. How many years ago was the ratio of their ages 3 : 5 ?
- (A) 5 years (B) 10 years
(C) 20 years (D) 37 years
95. In measuring the sides of a rectangle, errors of 5% and 3% in excess are made. The error percent in the calculated area is
- (A) 8.35% (B) 7.15%
(C) 8.15% (D) 6.25%
96. If a frame is sold at ₹60, there is a loss of 15%. For a profit of 2%, the frame is to be sold at
- (A) ₹70 (B) ₹72 (C) ₹75 (D) ₹85
97. On selling 100 pens, a shopkeeper gains price of 20 pens. His gain percent is
- (A) 25% (B) 20% (C) 15% (D) 12%
98. ₹680 is divided among A, B, C such that A gets $\frac{2}{3}$ of what B gets and B gets $\frac{1}{4}$ of what C gets. Then their shares are respectively
- (A) ₹75, ₹325, ₹280 (B) ₹80, ₹120, ₹480
(C) ₹90, ₹210, ₹380 (D) ₹100, ₹200, ₹380
99. X, Y and Z start a business. X invests 3 times as much as Y invests and Y invests $\frac{2}{3}$ rd of what Z invests. Then the ratio of capitals of X, Y, Z is
- (A) 3 : 9 : 2 (B) 6 : 10 : 15
(C) 5 : 3 : 2 (D) 6 : 2 : 3
100. A man, a woman and a boy can together complete a piece of work in 3 days. If a man alone can do it in 6 days and a boy alone in 18 days, how long will a woman take to complete the work?
- (A) 9 days (B) 21 days
(C) 24 days (D) 27 days

101. A tap can fill a cistern in 8 hours and another tap can empty it in 16 hours. If both the taps are open, the time taken to fill the tank will be
- (A) 8 hrs. (B) 10 hrs.
(C) 16 hrs. (D) 24 hrs.
102. Two trains approach each other at 30 km/hr and 27 km/hr from two places 342 km apart. After how many hours will they meet ?
- (A) 5 hrs. (B) 6 hrs.
(C) 7 hrs. (D) 12 hrs.
103. The speed of a 150 m long train is 50 kmph. How much time will it take to pass a 600 m long platform ?
- (A) 50 sec (B) 54 sec
(C) 60 sec (D) 64 sec
104. In how many years, a sum will be thrice of it at simple interest @10% per annum ?
- (A) 15 years (B) 20 years
(C) 30 years (D) 40 years
105. A sum of money amounts to ₹9680 in 2 years and ₹10848 in 3 years. The rate of interest per annum on compounded basis is
- (A) 5% (B) 10%
(C) 15% (D) 20%
106. The perimeters of a circular field and a square field are equal. If the area of the square field is 12100 m^2 , the area of the circular field will be
- (A) 15500 m^2 (B) 15400 m^2
(C) 15200 m^2 (D) 15300 m^2
107. If the height of a cone is doubled, then the increase in its volume is
- (A) 100% (B) 200%
(C) 300% (D) 400%

108. An angle is one-fifth of its supplement. The measure of the angle is
 (A) 15° (B) 30° (C) 75° (D) 150°
109. The angle of elevation of a ladder leaning against a wall is 60° and the foot of the ladder is 7.5 m away from the wall. The length of the ladder is
 (A) 15 m (B) 14.86 m
 (C) 15.64 m (D) 15.8 m
110. Select the option to replace ? such that pattern in given number series is continued
6, 13, 25, 51, 101, ?
 (A) 201 (B) 202 (C) 203 (D) 205
111. Select the option to replace ? in given alphabet series to continue the pattern.
WFB, TGD, QHG, ?
 (A) NIJ (B) NIK (C) NJK (D) OIK
112. In given letter series, some of the letters are missing which are given in that order in options. Select the correct option.
 _bcdbc_dcabd_bcdbc_dc_bd
 (A) aaaaa (B) ccccc
 (C) bbbbb (D) ddddd
113. Select the option that shows similar relation as between given words.
Attack : Defend
 (A) Gradual : Abrupt (B) Sedate : Calm
 (C) Assign : Allot (D) House : Home
114. Select the option such that relation between words on either side is similar.
Vigilant : Alert :: Viable : ?
 (A) Active (B) Hopeless
 (C) Feasible (D) Useful
115. Select the odd one out.
 (A) Iron (B) Nickel
 (C) Cobalt (D) Aluminium