1. Non-market exchange of produce, goods and services within the (north) Indian village, without use of money, based on the caste system and customary practices is called as:

    (a) Bhai-Baat System
    (b) Biradari-Batta System
    (c) Virajmani System
    (d) Jajmani System

2. Census 2011 was the .... Census of India.

    (a) 14th
    (b) 15th
    (c) 16th
    (d) 17th

3. The Indus Valley Civilization is also called as :

    (a) Mohenjo Daro Culture
    (b) Indian Culture
    (c) Harappan Culture
    (d) Lothal Culture

4. Which one of the following is an example of direct democracy ?

    (a) Village Panchayat
    (b) Nagar Panchayat
    (c) District Panchayat
    (d) Gram Sabha

5. Which of the following continents has maximum number of countries ?

    (a) Asia
    (b) Africa
    (c) Australia
    (d) South America

6. World Food Day is observed on :

    (a) October 2
    (b) October 11
    (c) October 16
    (d) October 18

7. Tantia Tope was a servant of :

    (a) Nana Sahib
    (b) Nana Fadnavis
    (c) Balaji Baji Rao
    (d) Daulat Rao Sindhia

8. Bhagat Singh was held responsible for the assassination of which of the following police office

    (a) Saunders
    (b) Stephen
    (c) Sleeman
    (d) Shepherd

9. Swami Vivekanand addressed the World Parliament of Religions held at which place in U States of America ?

    (a) Chicago
    (b) Maryland
    (c) Harvard
    (d) New York

10. The Carnatic Wars were fought between

    (a) French and Portuguese
    (b) Portuguese and Dutch
    (c) French and British
    (d) British and Portuguese

11. Which of the river systems in Indian sub continent is the longest ?

    (a) Ganges River System
    (b) Brahamputra River System
    (c) Indus River System
    (d) Krishna River System

12. What is the full form of SIDBI ?

    (a) Small Industries Development Board of India   (b) Securities and Investment Board of India

    (c) Small Industries Development Bank of India   (d) Securities and Investment Bank of India

13. Thailand was earlier known as :

    (a) Vietnam   (b) Siam

    (c) Cambodia   (d) Mekong

14. The Neolithic site of Mehrgarh in Kachhi District of Baluchistan Province of Pakistan was discovered by:

    (a) Jarriage   (b) V. Gordon Childs

    (c) Suraj Bhan   (d) Rakhaldas Banerji

15. In Bihar the revolt of 1857 was led by

    (a) Nana Sahib   (b) Kunwar Singh

    (c) Brijis Qadr   (d) Rani Lakshmi Bai

16. Large parts of the Sutlej, Ganga plains and Gujarat plains have high proportion of cultivated area. It is due to :

    (a) gentle slope of the land   (b) fertile Alluvium

    (c) excellent irrigation facilities   (d) all of the above

17. According to Mahatma Gandhi, what among the following is a method of fighting against a powerful enemy ?

    (a) Passive resistance   (b) Civil resistance

    (c) Armed resistance   (d) Revolution

18. When did Simon Commission reach India ?

    (a) 1927   (b) 1928

    (c) 1929   (d) 1932

19. Originally, at the time of its inception, Indian constitution had how many Schedules ?

    (a) Eight   (b) Nine

    (c) Ten   (d) Eleven

20. The Parliament of India consists of :

    (a) The President, the Lok Sabha and Rajya Sabha   (b) The Lok Sabha and the Rajya Sabha

    (c) Lok Sabha and the President   (d) Lok Sabha, Rajya Sabha and the Vice-President

21. The Football World Cup Trophy was earlier known as

    (a) Albert Joseph Trophy   (b) Jules Verne Trophy

    (c) Jules Rimet Trophy   (d) Robert Kennedy Trophy

22. World Human Rights Day is celebrated every year on

    (a) 10th December   (b) 25th December

    (c) 17th December   (d) 20th December

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23. The granary at Harappa had two rows of platforms. How many platforms did each consist of?

    (a) 3   (b) 4

    (c) 6   (d) 7

24. The tank irrigation is mainly practiced in :

    (a) Extra peninsular area   (b) Central India

    (c) Peninsular India   (d) Northern India

25. In which language did Babur write *Tuzuk-i-Baburi* ?

    (a) Turkish   (b) Persian

    (c) Arabic   (d) Urdu

Read the passage given below carefully and answer question number 26 to 29.

Saving energy means saving money. Home owners and renters know this basic fact they often don't know what kinds of adjustments they can make in their homes and apartment will result in savings. For those willing to spend some time and money to reap long-term e savings, an energy audit is the way to go. An energy auditor will come into your home and a its energy efficiency. The auditor will pinpoint areas of your home that use the most energy offer solutions to lower your energy use and costs. Trained energy auditors know what to loo and can locate a variety of flaws that may be resulting in energy inefficiency, including inade insulation, construction flaws, and uneven heat distribution.

There are quicker and less costly measures that can be taken as well. One way to money is to replace incandescent lights with fluorescents. This can result in a savings of more 50% on your monthly lighting costs. When it's time to replace old appliances, it's wise to sp bit more for an energy-efficient model, and be sure that you are taking advantage of energy s settings already on your current refrigerator, dishwasher, washing machine or dryer. Win provide another opportunity to cut your energy costs. Caulk old windows that might be lea prevent drafts, and choose double-paned windows if you're building an addition or replacing windows. Most areas of your home or apartment offer opportunities to save energy and money results are significant and are well worth the effort.

26. Which of the following ideas is not included in the above passage?

    (a) You can reduce your 3000 rupees electricity bill to 1500 rupees by using fluorescent bulbs instead of incandescent.

    (b) Double-paned windows can cut energy c

    (c) Your local energy company will send an energy auditor at your request

    (d) Some appliances have energy-sa settings.

27. Which of the following best expresses the main idea of this passage ?

    (a) There are many things a homeowner or renter can do to save energy and money.

    (b) Hiring an energy auditor will save energy and money.

    (c) Homeowner and renters don't know what they can do to save energy and money.

    (d) Replacing windows and light bulbs are w worth the effort and cost.

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28. According to the passage, which of the following would an energy auditor NOT do?

    (a) Look for problems with heat distribution.
    (b) Check for construction flaws.
    (c) Offer solutions to lower your energy costs.
    (d) Locate a variety of flaws that may result in energy inefficiency and fix them.

29. According to the passage, double-paned windows

    (a) should only be used as replacement windows
    (b) are energy efficient
    (c) should only be used in new additions to homes
    (d) will lower your heating costs by 50%.

30. 'Fluorescent' means

    (a) Producing a faint light in the dark
    (b) Producing a bright white light by radiation
    (c) Giving out light as a result of being heated to a very high temperature
    (d) Spontaneous emission of light by some substance not resulting from heat.

31. Antonym of 'cozen' is

    (a) prate
    (b) vilify
    (c) cheat
    (d) treat honestly

32. The antonym of 'neophyte' is

    (a) old
    (b) experienced
    (c) orthodox
    (d) tasteless

33. The antonym of 'debonair' is

    (a) awkward
    (b) windy
    (c) balmy
    (d) sportive

34. A person coming to a foreign land to settle there is

    (a) immigrant
    (b) emigrant
    (c) visitor
    (d) tourist

35. Fear of crowds is

    (a) ochlophobia
    (b) hydrophobia
    (c) xenophobia
    (d) whoopee

36. Rahman's mind was attuned .... music.

    (a) at
    (b) to
    (c) with
    (d) on

37. Your conduct smacks .... recklessness.

    (a) of
    (b) with
    (c) from
    (d) in

38. Give an example pertinent .... the case

    (a) with
    (b) on
    (c) for
    (d) to

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39. He decided to play with the new team .... of the moment.
    (a) on the spur
    (b) in the spur
    (c) at the spur
    (d) of the spur

40. 'To bite one's lips' means :
    (a) to be annoyed or irritated
    (b) to feel sorry
    (c) to laugh at others
    (d) to have doubt

41. Only .... of our customers have accounts.
    (a) little
    (b) a little
    (c) few
    (d) a few

42. The synonym of 'covetous' is
    (a) courageous
    (b) greedy
    (c) tenacious
    (d) similar

43. The synonym of 'sceptical' is
    (a) sanguine
    (b) hopeful
    (c) doubtful
    (d) assured

44. The synonym of 'precarious' is
    (a) abdicate
    (b) uncertain
    (c) vulgar
    (d) arduous

45. Meaning of 'reverence' is :
    (a) reward
    (b) respect
    (c) revenge
    (d) reliance

46. The scooter broke down on the way, ... I managed to reach in time.
    (a) still
    (b) somehow
    (c) despite
    (d) in spite of this

47. The noted Urdu writer, Ismat Chughtai was an _____ of Aligarh Muslim University
    (a) alumna
    (b) alumni
    (c) alumnus
    (d) alumnae

48. Before going ahead with the venture you must take stock of the situation. In other words
    (a) You must be well stocked
    (b) You must survey and assess
    (c) You must take out your stock of things
    (d) You must assess your stock of goods

49. Which of the following sentences is incorrect?
    ( ) Would you mind to open the window?
    (b) Would you mind opening the window?
    (c) Would you mind if the window is opened?
    (d) Do you mind opening the window?

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50. Let's go and watch a movie ,_____

   (a) could we ? (b) will we ?

   (c) can we ? (d) shall we ?

51. A series with 100 items had a simple mean of 40. Later on it was discovered that 2 items of having value of 45 and 35 were wrongly taken as 35 and 25 respectively. The correct mean is

   (a) 44.20 (b) 40.20

   (c) 48.02 (d) 50.20

52. The ratio between the volumes of two spheres is 8:27. The ratio between their surface areas is

   (a) 2 : 3 (b) 4 : 5

   (c) 5 : 6 (d) 4 : 9

53. If $\frac{b}{a} = \frac{1}{2}$, then the value of the expression $\frac{a-b}{a+b} + \frac{2}{3}$ is

   (a) 2 (b) 5

   (c) 7 (d) 1

54. If $x = 5$ and $y = -2$ then the value of $(x - 2y)^{\frac{1}{y}}$ is

   (a) $\frac{1}{3}$ (b) 3

   (c) 2 (d) $\frac{1}{2}$

55. The value of the expression $\frac{(0.87)^3 + (0.13)^3}{(0.87)^2 + (0.13)^2 - (0.87 \times 0.13)}$ is

   (a) 5 (b) 1

   (c) 12 (d) 3

56. If $\sqrt{x} - \sqrt{y} = 1$ and $\sqrt{x} + \sqrt{y} = 17$, then the value of $\sqrt{xy}$ is

   (a) 27 (b) 52

   (c) 72 (d) 19

57. The value of x if $2^{x+13} = 4^{x+2}$ will be

   (a) 9 (b) 7

   (c) 5 (d) 11

58. The number whose seventh part multiplied by its eleventh part gives 1232 is

   (a) 803 (b) 308

   (c) 830 (d) 380

9. The solution of the equation $5^{\sqrt{x}} + 12^{\sqrt{x}} = 13^{\sqrt{x}}$ is

   (a) x = 3 (b) x = 1

   (c) x = 4 (d) x = 5

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60. A person spends $\left(\frac{3}{8}\right)^{th}$ part of his salary on food, $\left(\frac{1}{12}\right)^{th}$ part of his salary on education, $\left(\frac{1}{4}\right)$ of his salary on clothing. He is now left with Rs. 550. The total salary of the person is

(a) Rs. 2640
(b) Rs. 2550
(c) Rs. 5550
(d) Rs. 6250

61. The ratio of number of ladies to gents at a party was 1 : 2 but when 2 ladies and 2 gents le ratio becomes 1:3. How many people were originally present at the party?

(a) 10
(b) 15
(c) 20
(d) 12

62. Ashish starts from his office facing east and walks 100 m straight and then takes a right tun walks 100 m. Further, he takes a left turn and walks 100 m. In which direction is Ashish nov the starting point?

(a) North-East
(b) East
(c) South
(d) South-East

63. Choose the correct alternative.

YB : VE : : SH : _____

(a) UL
(b) CR
(c) PK
(d) NM

64. 'a' and 'b' are two positive integers such that the least prime factor of 'a' is 3 and the least factor of 'b' is 5. Then, the least prime factor of (a + b) is

(a) 2
(b) 3
(c) 5
(d) 8

65. P is the mother of Q and R. If S is the husband of R, what is P to S ?

(a) Mother
(b) Sister
(c) Mother-in-law
(d) Aunt

66. Choose the correct alternative that will constitute the same pattern.

6 , 11 , 21 , 36 , 56 , ?

(a) 42
(b) 51
(c) 81
(d) 91

67. The number of tangents that can be drawn from an external point to a circle is

(a) 1
(b) 2
(c) 3
(d) 4

68. The diameter of the base of a cylinder is 4 cm and its height is 14 cm. The volume of the cylir

(a) 100 cm³
(b) 176 cm³
(c) 196 cm³
(d) 276 cm³

69. Choose the correct alternative.

AB , DE , HI , MN , ST , _____

(a) YZ
(b) AB
(c) ZA
(d) WX

70. Choose the odd one

(a) Lima
(b) Algiers
(c) New York
(d) Tokyo

71. If one zero of $3x^2 + 8x + k$ be the reciprocal of the other, then k = _____

(a) 3
(b) -3
(c) $\frac{1}{3}$
(d) $-\frac{1}{3}$

72. The shadow of a 5m long stick is 2m long. At the same time the length of the shadow of a 12.5m high tree (in m) is

(a) 3.0
(b) 3.5
(c) 4.5
(d) 5.0

73. The next number in the sequence 0 , 1 , 1 , 2 , 4 , 7 , 13 , 24 , _____ is

(a) 30
(b) 37
(c) 41
(d) 44

74. Find odd one out   2 , 5 , 10 , 17 , 26 , 37 , 50 , 64

(a) 50
(b) 26
(c) 37
(d) 64

75. An accurate clock shows 8 o'clock in the morning. Through how many degrees will the hour hand rotate when the clock shows 2 o'clock in the afternoon?

(a) 144°
(b) 150°
(c) 168°
(d) 180°

76. Choose the odd pair / group :

(a) 12 – 144
(b) 13 – 156
(c) 15 – 180
(d) 16 – 176

77. Direction : For the Assertion (A) and Reason (R) given below, choose the correct alternative from the following :

Assertion (A): Roughage prevents constipation
Reason (R, :   Roughage adds bulk to the food

(a) Both (A) and (R) a : true and (R) is correct explanation of (A)
(b) Both (A) and (R) are true but (R) is not the correct explanation of (A)
(c) (A) is true but (R) is false
(d) (A) is false but (R) is true

78. Which of the given conclusions logically follows from the two given statements :

Statements : Some boys are men. No man is black.

Conclusions : I. Some boys are not black.
II. Some men are boys.

(a) Only conclusion I follows.
(b) Only conclusion II follows.
(c) Both I and II follow.
(d) Neither I nor II follows.

79. A clock is started at noon. By 10 minutes past 5, the hour hand has turned through :

(a) 145°
(b) 150°
(c) 155°
(d) 160°

80. A family consists of two grandparents, two parents and three grandchildren. The average age of grandparents is 67 years, that of the parents is 35 years and that of the grandchildren is 6 years. What is the average age of the family?

(a) $28\frac{4}{7}$ years
(b) $31\frac{5}{7}$ years
(c) $32\frac{1}{7}$ years
(d) None of these

81. If a person walks at 14 km/hr instead of 10 km/hr, he would have walked 20 km more. The actual distance travelled by him is :

(a) 50 km
(b) 56 km
(c) 70 km
(d) 80 km

82. A boat running upstream takes 8 hours 48 minutes to cover a certain distance, while it takes 4 hours to cover the same distance running downstream, what is the ratio between the speed of the boat and speed of the water current respectively?

(a) 2 : 1
(b) 3 : 2
(c) 8 : 3
(d) cannot be determined

83. It was Sunday on January 1, 2006. What was the day of the week on January 1, 2010?

(a) Sunday
(b) Saturday
(c) Friday
(d) Wednesday

84. A towel, when bleached, was found to have lost 20% of its length and 10% of its breadth. The percentage of decrease in area is :

(a) 10%
(b) 10.08%
(c) 20%
(d) 28%

85. Tea worth Rs. 126 per kg and Rs. 135 per kg are mixed with a third variety in the ratio 1 : 1 : 2. If the mixture is worth Rs. 153 per kg, the price of the third variety per kg will be :

(a) Rs. 169.50
(b) Rs. 170
(c) Rs. 175.50
(d) Rs. 180

86. $(12)^3 \times (6)^4 \div 432 =$

(a) 5184
(b) 5060
(c) 5148
(d) 5084

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87. The compound interest on Rs. 30,000 at 7% per annum is Rs. 4347. The period (in years) is :

   (a) 2
   (b) $2\frac{1}{2}$
   (c) 3
   (d) 4

88. The length of a rectangular plot is 20 metres more than its breadth. If the cost of fencing the plot @26.50 per metre is Rs. 5300, the length of the plot in metres is:

   (a) 40
   (b) 60
   (c) 120
   (d) Data inadequate

89. A right triangle with sides 3 cm, 4 cm and 5 cm is rotated about the side of 3 cm to form a cone. The volume of the cone so formed is :

   (a) $12\pi \, cm^3$
   (b) $15\pi \, cm^3$
   (c) $16\pi \, cm^3$
   (d) $20\pi \, cm^3$

90. A train can travel 50% faster than a car. Both start from point A at the same time and reach point B, 75 km away from A at the same time. On the way, however, the train lost about 12.5 minutes while stopping at the stations. The speed of the car is :

   (a) 100 Km/hr
   (b) 110 Km/hr
   (c) 120 Km/hr
   (d) 130 Km/hr

91. The least perfect square, which is divisible by each of 21, 36 and 66 is :

   (a) 213444
   (b) 214344
   (c) 214434
   (d) 231444

92. The price of 10 chairs is equal to that of 4 tables. The price of 15 chairs and 2 tables together is Rs. 4000. The total price of 12 chairs and 3 tables is :

   (a) Rs. 3500
   (b) Rs. 3750
   (c) Rs. 3840
   (d) Rs. 3900

93. Two trains running in opposite directions cross a man standing on the platform in 27 seconds and 17 seconds respectively and they cross each other in 23 seconds. The ratio of their speeds is :

   (a) 1 : 3
   (b) 3 : 2
   (c) 3 : 4
   (d) None of these

94. Three times the first of three consecutive odd integers is 3 more than twice the third. The third integer is

   (a) 9
   (b) 11
   (c) 13
   (d) 15

95. Tickets numbered 1 to 20 are mixed up and then a ticket is drawn at random. What is the pr oab .ity that the ticket drawn has a number which is a multiple of 3 or 5 ?

   (a) $\frac{1}{2}$
   (b) $\frac{2}{5}$
   (c) $\frac{8}{15}$
   (d) $\frac{9}{20}$

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96. Three pipes A, B and C can fill a tank from empty to full in 30 minutes, 20 minutes and 10 min respectively. When the tank is empty, all the three pipes are opened and A, B and C disch: chemical solutions P, Q and R respectively into the tank. What is the proportion of the solution the liquid in the tank after 3 minutes?

(a) $\frac{5}{11}$

(b) $\frac{6}{11}$

(c) $\frac{7}{11}$

(d) $\frac{8}{11}$

97. From a group of 7 men and 6 women, five persons are to be selected to form a committee so th least 3 men are there on the committee. In how many ways can it be done?

(a) 564

(b) 645

(c) 735

(d) 756

98. It is being given that (232+1) is completely divisible by a whole number. Which of the follow numbers is completely divisible by this number?

(a) $(2^{16} + 1)$

(b) $(2^{16} - 1)$

(c) (7×2^{23})

(d) $(2^{96} + 1)$

99. The difference between simple and compound interests compounded annually on a certain am of money for 2 years at 4% per annum is Re. 1. The amount (in Rs.) is :

(a) 625

(b) 630

(c) 640

(d) 650

100. In the first 10 overs of a cricket game, the run rate was only 3.2. The run rate in the remainin: overs to reach the target of 282 runs is

(a) 6.25

(b) 6.5

(c) 6.75

(d) 7

_____

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