1. The great Bath was found at

[A] Mohenjodaro [B] Harappa
[C] Greece [D] Rome

2. Sarthe Bari is famous for

[A] Bell-metal industry [B] Silk Industry
[C] Cane and Bamboo industry [D] Wood Craft

3. The Ahoms entered in ASSAM through

[A] Moreh pass [B] Patkai pass
[C] Phungan pass [D] Diphu pass

4. Madhya Pradesh shares its border with how many states?

[A] 4 [B] 6
[C] 7 [D] 5

5. Gangotri, Yamunotri, Kedarnath, Badrinath and Mussorie lies in which state?

[A] Jharkhand [B] Uttrakhand
[C] Himachal Pradesh [D] Madhya Pradesh

6. Who wrote Harsha Charita?

[A] Harshavardhana [B] Kautilya
[C] Hiuen Tsang [D] Banbhatta

7. The shape of Ahom coins were

[A] Pentagonal [B] Hexagonal
[C] Octagonal [D] Square

8. The best source of Vitamin A is

[A] Egg [B] Banana
[C] Chicken [D] Carrot

9. The stupa of Sanchi was first constructed during the reign of

[A] Kanishka [B] Samudragupta
[C] Ashoka [D] Bimbisara

10. What is the full form of RAM?

[A] Read Access Memory [B] Random Access Memory
[C] Rarely Accessed Memory [D] Rich Attribute Memory

11. In a flowchart "Arrow" depicts

[A] Processing symbol [B] Start symbol
[C] Flow of control [D] Input symbol

12. Junk e-mail is also called

[A] spam [B] spoof
[C] sniffer script [D] spool

13. The WWW is :

[A] World Wide Wig of Collections [B] World Wide WAN of Computers
[C] World Wide Web [D] None of the above

14. BIOS refers?

[A] BASIC IO Software
[B] BASIC INPUT OUTPUT SYSTEM
[C] BASIC Information Operation System
[D] None

15. PARAM was developed by

[A] C-DAC [B] IIT Kanpur
[C] BARC [D] IIT Delhi

16. You can use ———— to copy selected text, and ———— to paste it in a document

[A] CTRL + C, CTRL + V [B] CTRL + C, CTRL + P
[C] SHIFT + C, ALT + V [D] SHIFT + C, ALT + P

17. What is e-commerce?

[A] Buying and selling international goods
[B] Buying and selling products and services not found in stores
     Buying and selling products and services over the internet
     Buying and selling products having to do with computer

18. What do you mean by HTML?

[A] Hyper Thread Memory Leak [B] Hyper Text Memory Leak
[C] Hyper Text Markdown Language [D] Hyper Text Markup Language

19. For what values of k following pairs of linear equations have no solutions

$3x + 2y = 1$

$(3k-1)x + (2k-1)y = 2k+1$

[A] $k = 1$ [B] $k = \dfrac{1}{2}$

[C] $k = 2$ [D] $k = -1$

20. If α, β, γ are the zeros of the cubic polynomial $ax^3 + bx^2 + cx + d$, then

[A] $\alpha\beta + \beta\gamma + \gamma\alpha = \dfrac{-b}{a}$ [B] $\alpha\beta + \beta\gamma + \gamma\alpha = \dfrac{-d}{a}$

[C] $\alpha\beta + \beta\gamma + \gamma\alpha = \dfrac{-b}{d}$ [D] $\alpha\beta + \beta\gamma + \gamma\alpha = \dfrac{c}{a}$

21. The pairs of linear equations in two variables $a_1x + b_1y + c_1 = 0$ and $a_2x + b_2y + c_2 = 0$ has infinitely many solutions if

[A] $\dfrac{a_1}{a_2} \neq \dfrac{b_1}{b_2}$ [B] $\dfrac{a_1}{a_2} = \dfrac{b_1}{b_2} \neq \dfrac{c_1}{c_2}$

[C] $\dfrac{a_1}{a_2} \neq \dfrac{b_1}{b_2} = \dfrac{c_1}{c_2}$ [D] $\dfrac{a_1}{a_2} = \dfrac{b_1}{b_2} = \dfrac{c_1}{c_2}$

22. There are two class rooms A and B. If 5 students are sent from A to B, then the numbers of students in each class room is same. If 10 students are sent from B to A, then the numbers of students in A is double the number of students in B. Then the number of students in A is

[A] 20   [B] 30

[C] 40   [D] 50

23. Consider the points A (1, 0), B (4, 0) and C (1, 4). Then the triangle ABC is a

[A] Right angled triangle   [B] Equilateral triangle

[C] Isosceles triangle   [D] Isosceles right triangle

24. If the sum of the reciprocals of a person A's ages (in years) 3 years back and 5 years from now is $\dfrac{1}{3}$ Then his present age is

[A] 7   [B] −7

[C] 3   [D] −3

25. Two hundred rupees ———— too much for the room.

[A] are   [B] is

[C] has   [D] had

26. He asked whether such a thing was possible. The direct form of the sentence is:

[A] He asked "is such a thing possible?"

[B] He asked "was such a thing possible?"

[C] He said "will such a thing be possible?"

[D] He said "whether such thing was possible?"

27. What does P stands for in 'PAN' Card?

[A] Precious   [B] Primary

[C] Permanent   [D] Pin

28. What is an ADHAAR?

[A] It is an mid-day meal programme for schools

[B] It is a programme of Job guarantee

[C] It is scheme to issue unique number to all Indian citizen

[D] It is scheme for rural development

29. Goitre is associated with

[A] Pituitary glands   [B] Thyroid glands

[C] Thymus gland   [D] Para thyroid glands

30. Brahma Samaj was founded by

[A] Ram Krishna Paramhans   [B] Dayanada Saraswati

[C] Swami Vivekananda   [D] Raja Ram Mohan Roy

31. In which state hornbill festival is celebrated

[A] Manipur   [B] Assam

[C] Mizoram   [D] Nagaland

32. Karengar Ligiri is a play written by

[A] Jyoti Prasad Agarwala   [B] Bishnu Prasad Rabha

[C] Bhupen Hazarika   [D] Chandra Kumar Agarwala

33. Pointing to Pintu, Jintu said to Windy, "His mother is the only daughter of your father." How was Windy related to Pintu?

[A] Mother-in-law
[B] Aunt
[C] Sister
[D] Mother

34. What is Krishna's present age if after 10 years his age will be three times of present age?

[A] 20
[B] 7
[C] 10
[D] 5

35. Some tigers are cats, some cats are horse, all horses are tigers.
Conclusion: I   Some tigers are Cats
II   Some horses are dogs
III   Some tigers are dogs
Then which one of the following is true

[A] None follows
[B] Only I follows
[C] Only II follows
[D] Only II and III follows

36. Different fruits are kept in shelves in a fridge. Banana is kept bellow Guava while Apple is kept above Orange. Grape and Apple are below Guava. Pomegranate is above Banana. Which one is on the bottom of the selve?

[A] Apple
[B] Grape
[C] Banana
[D] Orange

37. If 'football' is called cricket, 'cricket' is called basketball, 'basketball' is called 'badminton', 'badminton' is called Volleyball, and 'volleyball' is called hockey . Which of the following games is not played using a ball?

[A] Volleyball
[B] Basketball
[C] Hockey
[D] Cricket

38. In a family, there are six members Atul, Binu, Chintu, Dip, Eliana and Fom. Atul and Binu are a married couple. Dip is the only son of Chintu, who is the brother of Atul. Eliana is the sister of Dip. Binu is the daughter-in-law of Fom, whose husband has died. How is Eliana related to Chintu?

[A] Mother
[B] Daughter
[C] Sister
[D] Daughter-in-law

39. In a certain code
I.   'do mo go po' means 'I looked at her'.
II.   'go cho to po' means 'She looked into that'.
III.   'mo ho jo tra' means 'I slipped into leather'.
What is the code for 'her'?

[A] do
[B] go
[C] po
[D] none of these

40. Which of the following cannot be the probability of an event?

[A] 1/3
[C] 0.5
−1.2
20%

41. Let $S_n = 1 + 2 + \cdots\cdots + n$, then

[A] $S_n = \dfrac{n(n-1)}{2}$
$S_n = \dfrac{n(n+1)}{2}$
[C] $S_n = \dfrac{n(1-n)}{2}$
$S_n = \dfrac{n(n-2)}{2}$

42. Consider the number 3^n when n is a natural number. Then 3^n ends with the digit zero for

[A] Any value of n
[B] For unique value of n
[C] For some value of n
[D] No value of n

43. Consider the lines $2x - y = 0$ and $4x + 3y = 20$. Then the only common point of the both lines is

[A] (4, 2)
[B] (0, 0)
[C] (2, 4)
[D] (4, 3)

44. Which of the following pairs of lines is parallel?

[A] $x - 2y = 0$ and $3x + 4y - 20 = 0$
$3x + 2y - 5 = 0$ and $6x + 4y - 10 = 0$
[C] $3x + 2y - 5 = 0$ and $2x + 3y - 5 = 0$
$x + 2y - 4 = 0$ and $2x + 4y - 16 = 0$

45. In a right angled triangle with right angle at B and $\angle ACB = 60°$. If AB = 3cm, then the length of BC is

3
[B] $\dfrac{1}{3}$
$\dfrac{1}{\sqrt{3}}$
[D] $\sqrt{3}$

46. The tangent PQ at the point P of a circle of radius 6 cm meets a line through the centre O at a point Q so that OQ =12. Then length of PQ is

[A] $6\sqrt{3}$
[B] 18
[C] $3\sqrt{6}$
[D] 36

47. Jodu and Modhu are two friends. What is the probability that both will have different birth day (in a non-leap year)?

[A] $\dfrac{1}{2}$
[B] $\dfrac{1}{364}$
[C] $\dfrac{1}{365}$
[D] $\dfrac{364}{365}$

48. She prefers milk ———— tea.

[A] to

[B] for

[C] with

[D] against

49. Take care lest you ————.

[A] fall

[B] do not fall

[C] should not fall

[D] would not fall

50. A summon ———— been served on you.

[A] has

[B] have

[C] had

[D] was

51. Galileo's telescopic discoveries were his most important contribu ———— on to science. Choose the correct group of letters.

[A] ueti

[B] usi

[C] ti

[D] uss

52. The correctly spelt word is :

[A] Obsene

[B] Obseen

[C] Obscene

[D] Obzene

53. Even a ———— glance will reveal the mystery.

[A] Crude

[B] Cursory

[C] Critical

[D] Curious

54. Moth - eaten

[A] Noun + Adjective

[B] Adverb + Adjective

[C] Adjective + Noun

[D] Noun + verb

55. Which of the following words is wrongly spelt?

[A] Efficient

[B] Reverance

[C] Dilemma

[D] Privilege

56. Extreme old age when a man behaves like a fool.

[A] Imbecility

[B] Senility

[C] Dotage

[D] Superannuation

57. The overall age of X and Y is 12 year greater than the overall age of Y and Z. Z is how many decades younger that X?

[A] 10

[B] 12

[C] Z is elder than X

[D] None of these

58. The next letter of the sequence: C, E, G, I, K,.... is

[A] L

M

[C] N

O

59. Find the odd one out

[A] TV

[C] Laptop

Radio

Robot

60. Arrogant is to boastful as cautious is to

[A] helpful

[B] careful

[C] joyful

[D] suspectful

61. If in a code WHITE is written as XGJSF, then how is BLACK written in that code?

AMZDJ

[B] CKABL

CKBBL

[D] CMZDJ

62. We always see the lightening first before the thundering sound because

[A] Sound has more velocity than light

[B] Sound waves has more velocity than light velocity

Light has more velocity than sound that of sound wave

None-other

63. Find the odd man out

[A] Ozone layer depletion

[B] Carbon monoxide

[C] Green house effect

[D] Consumption of tobacco

64. If in each number, all the three digits are arranged in ascending order, which of the following will be the lowest number?

[A] 489

541

[C] 654

953

65. Which of the following statements is the negation of the sentence "No man is a cow"?

[A] Every man is a cow

[B] Some men are cows

[C] All cows are men

[D] · None of the above

66. A network that is connected to the Internet, but uses encryption to scramble all the data sent through the Internet is called?

[A] My network
[B] Virtual private Network
[C] Social Network
[D] None of these

67. The word bandwidth is also used to mean ——————?

[A] width of the data cable
[B] number of the computers on a particular network
[C] amount of data transferred
[D] None of these

68. The quotient and remainder of 17 when divided by 6 is

[A] 2 and 5
[B] 2 and 1
[C] 5 and 2
[D] 1 and 2

69. HCF of 272 and 148 is

[A] 1
[B] 2
[C] 4
[D] 6

70. Which one of the following is not irrational?

[A] $\sqrt{5}$
[B] $2\sqrt{5}$
[C] $2 + \sqrt{5}$
[D] $\sqrt{4}$

71. The discriminate of the equation $3x^2 - 2\sqrt{3}x + 1 = 0$ is

[A] 1
[B] -1
[C] 0
[D] 12

72. Probability of an event E + Probability of the event 'not E' is

[A] 0
[B] $\frac{1}{2}$
[C] $\frac{1}{4}$
[D] 1

73. For what value of A and B given below $\sin(A+B) = \sin(A) + \sin(B)$?

[A] $A = 0° = B$
[B] $A = 30° = B$
[C] $A = 45° = B$
[D] $A = 60° = B$

74. Give ————— milk in the glass to the boy.

[A] the little
[B] the few
[C] much
[D] many

75. He is liable ————— the damage of the properties.

[A] with
[B] to
[C] in
[D] for

76. Michael lives ————— England.

[A] at
[B] in
[C] on
[D] near

77. He accused me ————— theft.

[A] of
[B] for
[C] with
[D] against

78. The ship was bound ————— England.

[A] to
[B] for
[C] from
[D] with

79. He ran ————— the road.

[A] over
[B] across
[C] on
[D] by

80. Opposite of 'Ancient'

[A] Omnipresent
[B] Modern
[C] Omniscient
[D] None of these

81. A teacher ————— friendly with the students.

[A] should
[B] should be
[C] can
[D] must

82. Shakespeare lived ————— Stratford on Avon ————— England

[A] in, at
[B] on, by
[C] at, in
[D] at, by

83. Lakshadweep islands situated in which of the following water bodies?

[A] Arabian Sea
[B] Bay of Bengal
[C] Indian Ocean
[D] Atlantic Ocean

84. One horse power is equal to

[A] 746 watts
[B] 756 watts
[C] 766 watts
[D] 776 watts

85. To perform which among the following functions, Rajukas were appointed by Asoka?

[A] Revenue Functions
[B] Judicial Functions
[C] Religious Functions
[D] Military Functions

86. Madhavadeva was educated by in school

[A] Mukunda Adhyapaka
[B] Madhab Kandali
[C] Sri Sankardeva
[D] Ram Atoi

87. Who discovered Lothal?

[A] Dr. S.R. Rao
[B] Dr. Amartya Sen
[C] Dr. APJ Abdul Kalam
[D] Sir Jagadish Chandra Bose

88. If the digits in the number 75324081 are arranged in descending order, then the difference between second from the right and third from the left is

[A] 4
[B] 6
[C] 5
[D] 2

89. The only planet in the solar system which support life is

[A] Venus
[B] Jupiter
[C] Saturn
[D] Earth

90. A girl introduced a boy as the son of the daughter of the father of her uncle. The boy is girls

[A] Brother
[B] Uncle
[C] Son
[D] Son-in -law

91. Choose the word which best expresses the meaning of the word IDENTIFY.

[A] Picture
[B] Notice
[C] Envision
[D] Recognise

92. What is a motion path in PowerPoint?

[A] A type of animation entrance effect
[B] A method of moving items in a slide
[C] A method of advancing slides
[D] None of the above

93. Which transmission media has the highest transmission speed in a network?

[A] Coaxial cable
[B] Twisted pair cable
[C] Fibre Optic Cable
[D] Electrical cable

94. Which of the following is used as a primary storage device?

[A] Magnetic drum
[B] PROM
[C] Floppy disk
[D] All of these

95. ———————— is a technology that allows telephone calls to be made over computer networks like the Internet.

[A] VoIP
[B] GSM
[C] Modem
[D] CDMA

96. A "URL" is a formatted text string used by web browsers, email clients and other software to identify a network resource on the Internet. It stands for

[A] Universal Resource Link
[B] Uniform Resource Locator
[C] Unlimited Resource Locator
[D] Universal Reference Link

97. A host on the Internet finds another host by its

[A] IP address
[B] Postal address
[C] Memory Address
[D] None of the above

98. ———————— are attempts by individuals to obtain confidential information from you by falsifying their identity.

[A] Phishing trips
[B] Computer viruses
[C] Phishing scams
[D] Spyware scams

99. One Nibble is equal to

[A] four bytes
[B] eight Bits
[C] eight characters
[D] four bits

100. The difference between a virus and a self-replicating program which is like a virus is that rather than creating copies of itself on only one system it propagates through computer network. What is that called as ———————— .

[A] Keylogger
[B] Worm
[C] Time Bomb
[D] Cracker