

1. Give _____ milk in the glass to the boy.
 [A] the little [B] the few
 [C] much [D] many
2. He is liable _____ the damage of the properties.
 [A] with [B] to
 [C] in [D] for
3. Michael lives _____ England.
 [A] at [B] in
 [C] on [D] near
4. He accused me _____ theft.
 [A] of [B] for
 [C] with [D] against
5. The ship was bound _____ England.
 [A] to [B] for
 [C] from [D] with
6. He ran _____ the road.
 [A] over [B] across
 [C] on [D] by
7. Opposite of 'Ancient'
 [A] Omnipresent [B] Modern
 [C] Omniscient [D] None of these
8. A teacher _____ friendly with the students.
 [A] should [B] should be
 [C] can [D] must
9. Shakespeare lived _____ Stratford on Avon _____ England.
 [A] in, at [B] on, by
 [C] at, in [D] at, by

10. She prefers milk _____ tea.
 [A] to [B] for
 [C] with [D] against
11. Take care lest you _____.
 [A] fall [B] do not fall
 [C] should not fall [D] would not fall
12. A summon _____ been served on you.
 [A] has [B] have
 [C] had [D] was
13. 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
14. The correctly spelt word is :
 [A] Obsene [B] Obseen
 [C] Obscene [D] Obzene
15. Even a _____ glance will reveal the mystery.
 [A] Crude [B] Cursory
 [C] Critical [D] Curious
16. Moth - eaten
 [A] Noun + Adjective [B] Adverb + Adjective
 [C] Adjective + Noun [D] Noun + verb
17. Which of the following words is wrongly spelt?
 [A] Efficient [B] Reverance
 [C] Dilemma [D] Privilege
18. Extreme old age when a man behaves like a fool.
 [A] Imbecility [B] Senility
 [C] Dotage [D] Superannuation

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19. Two hundred rupees _____ too much for the room.

- [A] are [B] is
[C] has [D] had

20. 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?"

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

- [A] Precious [B] Primary
[C] Permanent [D] Pin

22. 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

23. Goitre is associated with

- [A] Pituitary glands [B] Thyroid glands
[C] Thymus gland [D] Para thyroid glands

24. Brahma Samaj was founded by

- [A] Ram Krishna Paramhans [B] Dayanada Saraswati
[C] Swami Vivekananda [D] Raja Ram Mohan Roy

25. In which state hornbill festival is celebrated

- [A] Manipur [B] Assam
[C] Mizoram [D] Nagaland

26. Karengar Ligiri is a play written by

- [A] Jyoti Prasad Agarwala [B] Bishnu Prasad Rabha
[C] Bhupen Hazarika [D] Chandra Kumar Agarwala

27. The great Bath was found at

- Mohenjodaro [B] Harappa
Greece [D] Rome

28. Sarthe Bari is famous for

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

29. The Ahoms entered in ASSAM through

- [A] Moreh pass Patkai pass
[C] Phungan pass Diphu pass

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

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

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

- [A] Jharkhand Uttrakhand
[C] Himachal Pradesh Madhya Pradesh

32. Who wrote Harsha Charita?

- Harshavardhana [B] Kautilya
Hiuen Tsang [D] Banbhatta

33. The shape of Ahom coins were

- Pentagonal [B] Hexagonal
Octagonal [D] Square

34. The best source of Vitamin A is

- [A] Egg Banana
[C] Chicken Carrot

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

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

36. Lakshadweep islands situated in which of the following water bodies?
 [A] Arabian Sea [B] Bay of Bengal
 [C] Indian Ocean [D] Atlantic Ocean
37. One horse power is equal to
 [A] 746 watts [B] 756 watts
 [C] 766 watts [D] 776 watts
38. To perform which among the following functions, Rajukas were appointed by Asoka?
 [A] Revenue Functions [B] Judicial Functions
 [C] Religious Functions [D] Military Functions
39. Madhavadeva was educated by in school
 [A] Mukunda Adhyapaka [B] Madhab Kandali
 [C] Sri Sankardeva [D] Ram Atoi
40. Who discovered Lothal?
 [A] Dr. S.R. Rao [B] Dr. Amartya Sen
 [C] Dr. APJ Abdul Kalam [D] Sir Jagadish Chandra Bose
41. 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
42. The only planet in the solar system which support life is
 [A] Venus [B] Jupiter
 [C] Saturn [D] Earth
43. 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
44. Choose the word which best expresses the meaning of the word IDENTIFY.
 [A] Picture [B] Notice
 [C] Envision [D] Recognise

45. 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 than X?
 [A] 10 [B] 12
 [C] Z is elder than X [D] None of these
46. The next letter of the sequence: C, E, G, I, K,.... is
 [A] L [B] M
 [C] N [D] O
47. Find the odd one out
 [A] TV [B] Radio
 [C] Laptop [D] Robot
48. Arrogant is to boastful as cautious is to
 [A] helpful [B] careful
 [C] joyful [D] suspectful
49. If in a code WHITE is written as XGJSE, then how is BLACK written in that code?
 [A] AMZDJ [B] CKABL
 [C] CKBBL [D] CMZDJ
50. 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
 [C] Light has more velocity than sound that of sound wave
 [D] None-other
51. Find the odd man out
 [A] Ozone layer depletion [B] Carbon monoxide
 [C] Green house effect [D] Consumption of tobacco
52. If in each number, all the three digits are arranged in ascending order, which of the following will be the lowest number?
 [A] 489 [B] 541
 [C] 654 [D] 953
53. 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

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54. 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

55. 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

56. 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

57. Different fruits are kept in shelves in a fridge. Banana is kept below 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 shelf?

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

58. 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?

- Volleyball [B] Basketball
Hockey [D] Cricket

59. 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

60. In a certain code

- I. 'do mó gó pó' means 'I looked at her'.
II. 'gó cho to pó' means 'She looked into that'.
III. 'mó ho jo tra' means 'I slipped into leather'.
What is the code for 'her'?

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

61. What is the full form of RAM?

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

62. In a flowchart "Arrow" depicts

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

63. Junk e-mail is also called

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

64. The WWW is :

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

65. BIOS refers to

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

66. PARAM was developed by

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

67. 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

68. What is e-commerce?

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

69. What do you mean by IITML?

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

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70. 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
71. 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
72. Which of the following is used as a primary storage device?
- [A] Magnetic drum
 [B] PROM
 [C] Floppy disk
 [D] All of these
73. _____ is a technology that allows telephone calls to be made over computer networks like the Internet.
- [A] VoIP
 [B] GSM
 [C] Modem
 [D] CDMA
74. 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 Locator
 [B] Universal Reference Link
 [C] Unlimited Resource Locator
 [D] Universal Reference Link
75. A host on the Internet finds another host by its
- [A] IP address
 [B] Postal address
 [C] Memory Address
 [D] None of the above
76. _____ 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
77. One Nibble is equal to
- [A] four bytes
 [B] eight Bits
 [C] eight characters
 [D] four bits
78. 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

79. 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
80. 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
81. 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
82. HCF of 272 and 148 is
- [A] 1
 [B] 2
 [C] 4
 [D] 6
83. Which one of the following is not irrational?
- [A] $\sqrt{5}$
 [B] $2\sqrt{5}$
 [C] $2 + \sqrt{5}$
 [D] $\sqrt{4}$
84. The discriminate of the equation $3x^2 - 2\sqrt{3}x + 1 = 0$ is
- [A] 1
 [B] -1
 [C] 0
 [D] 12
85. Probability of an event E + Probability of the event 'not E' is
- [A] 0
 [B] $\frac{1}{2}$
 [C] $\frac{1}{4}$
 [D] 1
86. For what value of A and B given below $\sin(A+B) = \sin(A) + \sin(B)$?
- [A] $A = 0^\circ = B$
 [B] $A = 30^\circ = B$
 [C] $A = 45^\circ = B$
 [D] $A = 60^\circ = B$

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

- [A] $\frac{1}{3}$ [B] -1.2
 [C] 0.5 [D] 20%

88. Let $S_n = 1 + 2 + \dots + n$, then

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

89. 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

90. 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] $(4, 3)$

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

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

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

- [A] 3 [B] $\frac{1}{3}$
 [C] $\frac{1}{\sqrt{3}}$ [D] $\sqrt{3}$

93. 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

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

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

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

$$\begin{aligned} 3x + 2y &= 1 \\ (3k - 1)x + (2k - 1)y &= 2k + 1 \end{aligned}$$

- [A] $k = 1$ [B] $k = \frac{1}{2}$
 [C] $k = 2$ [D] $k = -1$

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

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

97. 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] $\frac{a_1}{a_2} = \frac{b_1}{b_2}$ [B] $\frac{a_1}{a_2} = \frac{b_1}{b_2} = \frac{c_1}{c_2}$
 [C] $\frac{a_1}{a_2} \neq \frac{b_1}{b_2} = \frac{c_1}{c_2}$ [D] $\frac{a_1}{a_2} = \frac{b_1}{b_2} \neq \frac{c_1}{c_2}$

98. 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

99. 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

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

- [A] 7 [B] -7
 [C] 3 [D] -3

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