

## GENERAL KNOWLEDGE

1. Light year is unit of

- (1) time
- (2) speed of light
- (3) distance
- (4) mass

2. Who has written the book 'Bill Counting the Dead' ?

- (1) Frances Harrison
- (2) Faissal Desj
- (3) JK Rowling
- (4) None of these

3. Who was called the 'Flying Sikh' ?

- (1) Ajmer Singh
- (2) Mahesh Singh
- (3) Shamsher Singh
- (4) Milkha Singh

4. The filament of bulb is of

- (1) mercury (2) copper
- (3) tungsten
- (4) None of these

5. The book 'Discovery of India' is written by :

- (1) Mahatma Gandhi
- (2) Subhas Chandra Bose
- (3) Jawaharlal Nehru
- (4) Sastry

6. Which of the following states has the highest number of National Parks for protection of wildlife and conservation of biodiversity in India ?

- (1) Madhya Pradesh
- (2) Uttar Pradesh
- (3) Karnataka
- (4) Assam

7. What is the Web Search Engine ?

(1) It is an engine to download songs and music from a particular website

(2) It is an engine designed to look out for the information in internet

(3) It is an engine designed to extract confidential information like password, account-ID through internet

(4) Both 1 and 3

8. Whose did Mahendra Singh Dhoni make his ODI debut ?

- (1) Chittagong (2) Dhaka
- (3) Hyderabad
- (4) Valsadhapattanam

9. Arrange the following states in the decreasing order of literacy rate

- 1. Tripura
- 2. Kerala
- 3. Goa

4. Himachal Pradesh

- (1) 3, 4, 1, 2 (2) 4, 1, 1, 2
- (3) 2, 1, 3, 4 (4) 3, 1, 4, 2

10. Which one of the following countries has the largest forest area in the world ?

- (1) Brazil
- (2) Canada
- (3) Russian Federation
- (4) United States of America

11. The Golden Chariot "The Pride of the South" is a luxury tourist train that connects the important tourist spots in the Indian States of

- (1) Karnataka and Goa
- (2) Karnataka and Kerala
- (3) Kerala and Tamil Nadu
- (4) Karnataka, Tamil Nadu and Kerala

12. What is the length of each stump in Cricket ?

- (1) 28 inches (2) 32 inches
- (3) 2 feet (4)  $2\frac{1}{2}$  feet

13. Indian National Congress was founded by

- (1) Womesh Chandra Bannerjee
- (2) Michael Home
- (3) Allan Octavian Home
- (4) Mahatma Gandhi

14. What is the function of the Microsoft Office Word ?

- (1) An operating system
- (2) A downloading application software
- (3) A word processing software
- (4) An input device

15. Kabir was the disciple of

- (1) Nanak
- (2) Ramanaoj
- (3) Shankaracharya
- (4) Ramananda

16. Which of the following is biodegradable ?

- (1) Paper (2) DDT
- (3) Aluminium (4) Plastic

17. Which of the following foods requires the LEAST energy to produce ?

- (1) Fruit (2) Vegetables
- (3) Grains (4) Meat

18. The World Day to Combat Desertification is observed every year on

- (1) 4th May
- (2) 17th June
- (3) 14th August
- (4) 5th October

## MATHEMATICS

18. The highest civilian award of India 'Bharat Ratna' has been awarded to only two foreigners so far. One of them is Nelson Mandela. The other is
- (1) Manohar Lal Bhaswati  
 (2) Michael Gorbecher  
 (3) Abdul Ghafler Khan  
 (4) Abdul Wajid Khan
19. A Mughal Queen whose name was written on all the Mughal Firman and inscribed on the coin was
- (1) Mahan Ananga  
 (2) Nur Jahan  
 (3) Mumtaz Mahal  
 (4) Mariam Mahani
20. Which part of a computer displays the work done?
- (1) RAM (2) Printer  
 (3) Monitor (4) ROM
21. Which Indian film was nominated for an Oscar?
- (1) Gandhi  
 (2) Almas Araa  
 (3) Elizabeth  
 (4) Sharda Milanaire
22. The first lady of the Indian Screen to have been nominated to the Rajya Sabha is
- (1) Nargis  
 (2) Madhubala  
 (3) Hema Malini  
 (4) Shikha Kharia
23. The Speaker of the Lok Sabha has to address his/her letter of resignation to
- (1) Prime Minister of India  
 (2) President of India  
 (3) Deputy Speaker of Lok Sabha  
 (4) Minister of Parliamentary Affairs
24. Which one of the following is the main cause of the ecological imbalance in India?
- (1) Deforestation  
 (2) Desertification  
 (3) Floods and famines  
 (4) Rainfall variations

25. The compound interest on Rs. 60,000 at 7% per annum is Rs. 8004. Find the period of time.
- (1) 2 years  
 (2) 3 years  
 (3) 4 years  
 (4) 5 years
26. 3 men can do a piece of work in 4 days, 4 women can do the same work in 18 days. If 4 men and 10 women work together, then how long will it take to finish the work?
- (1) 2 days (2) 3 days  
 (3) 4 days (4) 5 days
27. A alone can do a certain job in 18 days while B alone can do it in 12 days. A started the work and was joined by B after 3 days. The work lasted for how many days?
- (1) 4 (2) 6  
 (3) 8 (4) 10
28. A single discount which is equivalent to successive discounts 20% and 10% is
- (1) 28% (2) 34.5%  
 (3) 32% (4) 32.5%
29. A is twice as fast as B and B is thrice as fast as C. The journey covered by C in 80 minutes will be covered by A in
- (1)  $5\frac{1}{3}$  minutes  
 (2) 14 minutes  
 (3)  $7\frac{1}{3}$  minutes  
 (4)  $9\frac{1}{3}$  minutes
30. The average weight of 9 mangoes is increased by 20 grams when one of the mangoes, the weight of which is 120 grams, is replaced by a new one. The weight of this new piece is:
- (1) 300 grams (2) 350 grams  
 (3) 360 grams (4) 400 grams

31. The total number of students in a school is 8870. If the number of boys in the school is 4545, what will be the ratio of the total number of boys to the total number of girls in the school?
- (1) 308 : 275  
 (2) 275 : 308  
 (3) 11 : 12  
 (4) 12 : 11
32. Some students planned a picnic. The budget for food was Rs. 500. But, 5 of them failed to go and thus the cost of food for each member increased by Rs. 5. How many students attended the picnic?
- (1) 18 (2) 24  
 (3) 28 (4) 30
33. Rs. 6000 becomes Rs. 7200 in 4 years at a certain rate of interest. If the rate becomes 1.5 times of itself, the amount of the same principal in 6 years will be:
- (1) Rs. 8000 (2) Rs. 8550  
 (3) Rs. 9000 (4) Rs. 9550
34. The average of 6 observations is 45.5. If one new observation is added to the previous observations, then the new average becomes 47. The new observation is:
- (1) 58 (2) 56  
 (3) 54 (4) 48
35. Some apples are bought at 5 for Rs. 10 and sold at 5 for Rs. 18. What is the gain per cent?
- (1) 30% (2) 45%  
 (3) 20% (4) 25%
36. Find the sum of 1st and 2nd prime numbers.
- (1) 6 (2) 8  
 (3) 7 (4) 5
37. Find the value of
- $$\frac{5}{3} + \frac{9}{14} \div \frac{7}{3} + \frac{1}{8}$$

(1) 1

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

(3) 2

(4)  $2\frac{1}{2}$ 

58. Find the value of

$$\sqrt{400} + \sqrt{225} - \sqrt{25000000} = ?$$

(1) 30.297 (2) 30.197

(3) 30.097 (4) 30.397

59. Find the value of

$$50.5 + 2545.$$

(1) 3

(2) 0.3

(3) 0.003

(4) 0.002

61. Find the amount of Rs. 4000

borrowed for 2 years at  $5\frac{1}{2}\%$

per annum compound interest ?

(1) Rs. 4392.50

(2) Rs. 4392.50

(3) Rs. 5092.50

(4) Rs. 4092.50

62. Find the value of

$$88\% \text{ of } ? + 368 = 1073.22$$

(1) 760

(2) 807

(3) 895

(4) 702

63. In a  $\triangle ABC$ ,  $\angle A + \angle B = 68^\circ$  and  $\angle B + \angle C = 147^\circ$ , then  $\angle B = ?$

(1)  $35^\circ$ (2)  $36^\circ$ (3)  $40^\circ$ (4)  $45^\circ$ 

64.



In the adjoining figure, ABCD is a rhombus. If  $\angle A = 70^\circ$ , then  $\angle CDB = ?$

(1)  $68^\circ$ (2)  $66^\circ$ (3)  $36^\circ$ (4)  $48^\circ$ 

65. A maximum of how many pieces of 12.6 cm can be cut from a 887 cm long rod ?

(1) 68

(2) 62

(3) 64

(4) 66

66. The present ratio of ages of A and B is 4 : 5. 18 years ago,

this ratio was 11 : 16. Find the sum of the present ages of A and B.

(1) 90 years (2) 105 years

(3) 120 years (4) 80 years

67. The difference between the CP and SP of an article is Rs. 300. If the loss is 25%, the selling price is

(1) Rs. 1000 (2) Rs. 800

(3) Rs. 900 (4) Rs. 940

68. A person goes from one point to another point with a speed of 8 kmph and comes back to the starting point with a speed of 5 kmph. Find the average speed for the whole journey.

(1) 4.5 kmph (2) 4 kmph

(3) 4.28 kmph (4) 3.78 kmph

69. Find the sum of place and face values of 8 in 48888.

(1) 88

(2) 808

(3) 880

(4) 888

70. A sum becomes 4 fold at 5% per annum rate of interest. At what rate, the sum will become 12 fold ?

(1) 16%

(2) 12%

(3) 6%

(4) 13%

### ENGLISH LANGUAGE

81. On the basis of the given sentence pick out the correct sentence converted in Negative from the given options :

**They are laughing.**

(1) They will not laugh

(2) They shall not laugh

(3) They are not laughing

(4) They will not be laughing

82. Choose the suitable option that describes the meaning of the group of words or phrase printed in *italics* in the following sentence.

*The old man is hard of hearing.*

(1) felt bad hearing the news

(2) somewhat deaf

(3) does not hear

(4) unaided

83. Choose the option that describes the meaning of the following idiom and phrase.

**The green eyed monster :**

(1) the creature of the sea

(2) animal with green eyes

(3) personal jealousy

(4) to get into trouble

84. Find the antonym of

**CIVILISED :**

(1) palpable

(2) civic

(3) incongruent

(4) barbarian

85. Fill in the blank with appropriate given option :

**The Sun is bigger than \_\_\_\_\_ Earth.**

(1) a

(2) an

(3) the

(4) that

86. Find the synonym of :

**GRAVE.**

(1) formidable

(2) bitter

(3) pragmatic

(4) solemn

87. Find the odd man out from the given options.

(1) Croissant (2) Croquet

(3) Creutan (4) Croquette

88. Find out the part with error in the following sentence :

Although he is usually (1) rude with overpious (2) he behaved nice at (3) all of us today (4).

89. In the following question identify the correct sentence(s).

(a) Where there are wills there's always a way.

(b) This is an old saying, but so true.

(c) All these years we have been hearing from BCCI officials that if players don't play domestic cricket, they not be considered for selection to the national team.

(d) That was only talk and nothing else, for most of the top players stayed

away from Raji, Daley or Challenger Trophy games.

- (1) only a  
(2) a and c  
(3) b and a

(4) None of these

60. Find the antonyms for :  
**MISLEAD.**

- (1) alter (2) separate  
(3) mislead (4) guide

61. Find out which part of the sentence has an error. If there is no mistake, the answer is (4).  
The school is (1) within a hundred yards (2) from my house. (3) No error (4).

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62. Choose the most suitable preposition :

Contentment is essential ..... happiness.

- (1) for (2) with  
(3) in (4) of

63. Find out the part with error in the following sentence :

She is too much beautiful (1) so most of the boys (2) run after her and (3) want to influence her (4).

64. Arrange the following five sentences in a logical sequence :

- A. They also become spoilt and tyrannical.  
B. But hire a firmer enemy and he will be more loyal than a friend, because he has more to prove.  
C. If you have no enemies, find a way to make them.  
D. In fact, you have more to fear from friends than from enemies.  
E. Be wary of friends - they will betray you quickly, for they are easily aroused to envy.

- (1) C D B E A  
(2) B E D A C  
(3) E C D A B  
(4) E A B D C

65. Fill in the blank with appropriate option :

In 2001, ..... a teacher ?

- (1) did you be (2) was you  
(3) you was (4) were you

66. Fill in the blank with appropriate given option :

This car can be driven at ..... speed of 180 kmph.

- (1) a (2) an  
(3) the (4) that

67. Find the antonyms for :  
**KINDLY**

- (1) comely (2) humbly  
(3) sparse (4) harsh

68. Find the analogies for :  
**PUPIL : EYE :**

- (1) elbow : wrist  
(2) teeth : mouth

(3) arm : leg (4) fist : hand

69. Find the analogies for :  
**BRAUTIFUL : UGLY :**

- (1) mouse : doll  
(2) priest : gangster

(3) good : bad

(4) criminal : judge

70. Complete the sentence with one of the words or phrases given below :

..... how much money the gangsters offered him, the judge refused to take a bribe.

- (1) The same way  
(2) By the time

(3) No matter

(4) Whenever

71. Choose the word which best expresses the meaning of the given word.  
**STRINGENT**

- (1) Loose  
(2) Stringy  
(3) Strict

(4) Causing to shrink

72. Find out which part of the sentence has an error. If there is no mistake, the answer is (4).

None saw him (1) worthily for the reward (2) he received (3) No error (4).

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None saw him (1) worthily for the reward (2) he received (3) No error (4).

73. Fill in the blank with appropriate given option :

She lost ..... ring that had gifted her.

- (1) any (2) an  
(3) the (4) this

74. Choose the most suitable preposition :

A man is angry ..... a person; he may be angry ..... a thing.

- (1) on; with (2) with; on  
(3) with; at (4) with; of

75. In the following question identify the correct sentence's.

(a) She has a fair chance of winning the first prize.

(b) Fair weather is forecasted for tomorrow.

(c) There's fare on at the park this very week.

(d) Don't forget to wind down your watch.

- (1) a only  
(2) a and c

(3) a, b and c

(4) None of the above are correct

## REASONING

76. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group ?

- (1) 52 (2) 66  
(3) 24 (4) 26

77. In the following question, select the correct option of the question asked.

On the basis of two figures of dice, what number will be on the opposite face of number 5 ?

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(a)

(1) 1

(2) 4



(b)

(3) 2

(4) 6

76. Showing the lady in the park, Vincent said, "She is the daughter of my grandfather's only son". How is Vincent related to that lady ?

- (1) Brother (2) Cousin  
(3) Father (4) Uncle

77. If in a code language MADRAS is coded as NEEQRE, then CALCUTTA will be coded as

- (1) COBMSYUB  
(2) DEMBYVUS  
(3) DEMBYVUIZ  
(4) BHEBTUSH

80. In the following question, four positions of the same dice have been shown. See these figures and select the number opposite to the number as asked in this question.

Which letter will be opposite to letter D ?



- (1) A (2) B  
(3) E (4) F

81. Arrange the words in a meaningful logical order and then select the appropriate sequence from the alternatives mentioned below :

1. Table 2. Tree  
3. Wood 4. Seed  
5. Plant

- (1) 4, 5, 3, 2, 1  
(2) 4, 5, 2, 3, 1  
(3) 1, 3, 2, 4, 5  
(4) 1, 3, 3, 4, 5

82. In the following question, which one of the four Answer Figures should come after the Problem Figures, if the sequence is to continue ?

Problem Figures :



Answer Figures :



83. 'D' is mother-in-law of 'M' who is sister-in-law of 'W'. 'P' is father of 'Q' the only brother of 'M'. How is 'D' related to 'W' ?

- (1) Mother-in-law  
(2) Aunt  
(3) Mother  
(4) Wife

84. In the question given below three of the following four are alike in a certain way and so form a group. Which does not belong to that group ?

- (1) JK (2) IR  
(3) KE (4) PU

85. In the following question one number is missing in the series. You have to understand the pattern of the series and then insert the missing number.

- 4, 7, 11, 14, 20, 47, ..., 128, 199
- (1) 76 (2) 70  
(3) 84 (4) 102

86. In the question given below three out of the four given sets of numbers follow the same pattern, while the fourth one is different. You have to find out the set that does not follow the pattern of the other three.

- (1) 4 : 20 :: 2  
(2) 10 : 100 :: 1  
(3) 16 : 128 :: 5  
(4) 3 : 49 :: 4

87. In the answer choices are given the reflected views of the first figure. You are to point out which is the correct reflected view.



88. Find the odd one out  
(1) Raid (2) Attack  
(3) Defence (4) Ambush

89. In the following question, which one of alternatives figures will complete the given figure ?

Pattern



90. Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure (X).



(X)



91. In the following question four words are given, out of which three are same in one way or the other and the fourth one is different from the other three. Select the odd one.

- (1) Cricket  
(2) Baseball  
(3) Football  
(4) Billiards

92. Shehnaaz wants to go to the market. She starts from her home which is in North and comes to the crossing. The road to her left ends in a park and straight ahead is the office complex. In which direction is the market to the crossing ?

- (1) East (2) West  
(3) North (4) South

93. Shyama says that father of Rajiv's father is my father. How is Shyama related to Rajiv ?

- (1) Sister  
(2) Mother  
(3) Niece (Father's sister)  
(4) Niece

94. A worker may claim Rs 18 for each km which he travels by taxi and Rs. 9 for each km which he drives his own car. If in one week he claimed Rs 600 for travelling 80 km, how many km did he travel by taxi?

- (1) 30 (2) 20  
(3) 40 (4) 48

95. If FESTIVAL is coded as MFWJUTFG, then OPIUM would be coded as :

- (1) MOHTL  
(2) NTHNO  
(3) NYJQP  
(4) MUIPO

96. Choose the correct mirror image from the alternatives (I), (II), (III) and (IV) of the figure given below :

Question Figure :



Answer Figures :



- (1) 88 (2) 148  
(3) 128 (4) 18

98. Choose the correct mirror image from the alternatives (I), (II), (III) and (IV) of the figure given below



- (1) (2) (3) (4)

99. Which one of the Answer Figures shall complete the given Problem Figures ?



Answer Figures



- (1) (2) (3) (4)

100. If you are eleventh in a queue starting either end, how many are there in the queue ?

- (1) 11 (2) 20  
(3) 21 (4) 22

97. Find out the missing number in the following :