

ENGLISH COMPREHENSION

Directions (1-2): In the following questions, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No error'.

1. The Kamleshwar reservoir in the sanctuary (1)/ is a best place (2)/ to see the marsh crocodile. (3)/ No error (4)
2. The people of Orleans, while (1)/ they first saw her in their (2)/ city, thought she was an angel. (3)/ No error (4)

Directions (3-4): In the following questions, the sentence given with blank is to be filled in with an appropriate word. Select the correct alternative out of the four.

3. The sniper was able to _____ two rebels.
(1) shoot of
(2) shoot with
(3) shot
(4) shoot down
4. Once upon a time there _____ a dragon named Erasmus.
(1) live (2) lived
(3) liven (4) living

Directions (5-6): In the following questions, out of the given four alternatives, select the one which best expresses the meaning of the given word.

5. Ebullient

- (1) Sober
- (2) Enthusiastic
- (3) Unadoptable
- (4) Weary

6. Superfluous

- (1) Compulsory
- (2) Extra
- (3) Integrity
- (4) Immoral

Directions (7-8): In the following questions, out of the given four alternatives, select the one which is opposite in meaning of the given word.

7. Angst

- (1) Casualness
- (2) Anxiety
- (3) Insecurity
- (4) Disturbed

8. Progress

- (1) Gain (2) March
- (3) Retreat (4) Rise

9. Rearrange the parts of the sentence in correct order.

Of Homer's two

P : has always been more

Q : epic poems, the Odyssey

R : popular than the Iliad

- (1) PQR (2) RPQ
- (3) QRP (4) QPR

10. A sentence has been given in Active/Passive Voice. Out of the four given alternatives, select the one which best expresses the same sentence in Passive/Active Voice.

They organised the fair in a local park.

- (1) The fair was organise in a local park.
- (2) The fair was organised in a local park by them.
- (3) The fair is being organised in a local park.
- (4) The fair would be organised in a local park

11. A sentence has been given in Direct/Indirect Speech. Out of the four given alternatives, select the one which best expresses the same sentence in Indirect/Direct Speech.

Anjali said, "I eat two guavas."

- (1) Anjali say she eat two guavas.
- (2) Two guavas are eaten by Anjali.
- (3) Anjali said that she ate two guavas.
- (4) Anjali said she eat two guavas.

12. In the following question, a word has been written in four different ways out of which only one is correctly spelt. Select the correctly spelt word.

- (1) Guardian (2) Gardian
- (3) Guardiun (4) Gaurdian

Directions (13-17): In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank (numbered) out of the four alternatives.

Division of labour is the law in the organic world as in the industrial world. Animals (13) the lowest type, such as the amoeba, do not have separate organs for respiration, digestion, assimilation, elimination, etc. But in the (14) forms each organ not only has its own specific work, but even within the same organ each part has its own particular function assigned. (15) we have seen that the (16) parts of the neurone probably perform different functions, the cells generating energy and the fibers (17) it.

13. (1) form (2) for
(3) of (4) at
14. (1) high (2) higher
(3) highest (4) height
15. (1) Thus (2) If
(3) Than (4) Why
16. (1) twice (2) pair
(3) together (4) two
17. (1) transmit
(2) transmits
(3) transmitted
(4) transmitting

Directions (18-19) : In the following questions, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

18. Last but not least

- (1) The class failure usually surprises everybody with success in real life.
- (2) The youngest child is the most mischievous.
- (3) The last task is the most difficult of a big project.
- (4) Last in order of mention or occurrence but not last in importance.

19. Go belly up

- (1) Go bankrupt.
- (2) Sleep after being very tired.
- (3) Eat food and rest.
- (4) Die unexpectedly.

Directions (20-21) : In the following questions, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

20. Deprived of or lacking of something

- (1) Bereft
- (2) Halcyon
- (3) Snug
- (4) Opulent

21. A deity or spirit embodied in human form

- (1) Imp
- (2) Incarnate
- (3) Spirit
- (4) Ogre

Directions (22-23) : In the following questions, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "No improvement".

22. Our body's wisdom (know) what is best for us.

- (1) knows
- (2) knowing
- (3) known
- (4) No improvement

23. The humanities and the arts (has been given) short shrift, in primary, secondary and tertiary education.

- (1) have been given
- (2) have being given
- (3) have been give
- (4) No improvement

24. Rearrange the parts of the sentence in correct order.

Without entirely

- A. them that he would do the
 - B. dismissing their case, he assured
 - C. needful that night itself
- (1) ACB
 - (2) BAC
 - (3) ABC
 - (4) CBA

25. In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

- (1) disconcertrted
- (2) desconcertrted
- (3) desconcertrted
- (4) disconcertrted

GENERAL INTELLIGENCE

26. In the following question, select the related word pair from the given alternatives :

Sand : Desert :: ? : ?

- (1) Ocean : Water
- (2) Pond : Water
- (3) Eat : Smoke
- (4) Water : Sea

27. In the following question, select the related number pair from the given alternatives :

33 : 38 :: ? : ?

- (1) 17 : 24
- (2) 12 : 18
- (3) 10 : 20
- (4) 13 : 18

28. In the following question, select the related letter/letters from the given alternatives :

ORS : NQR :: GHK : ?

- (1) FGJ
- (2) FIL
- (3) HIL
- (4) HIM

29. In the following question, select the odd word pair from the given alternatives :

- (1) Herbivorous - Horse
- (2) Herbivorous - Zebra
- (3) Carnivorous - Bear
- (4) Herbivorous - Elephants

30. In the following question, four number pairs are given. The number on left side of (-) is related to the number on the right side of (-) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given options.

- (1) 15 - 12
- (2) 21 - 18
- (3) 25 - 22
- (4) 27 - 22

31. In the following question, select the odd letter/letters from the given alternatives :

- (1) GIK
- (2) JLP
- (3) PRT
- (4) QSU

32. From the given alternatives, according to dictionary, which word will come at THIRD position?

1. Massive
 2. Metal
 3. Method
 4. Measure
 5. Match
- (1) Massive
 - (2) Measure
 - (3) Method
 - (4) Match

33. In the following question, select the missing number from the given alternatives :

26, 13.5, 14.5, 31, 128, ?

- (1) 1032
- (2) 1096
- (3) 1164
- (4) 844

34. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

K, P, U, Z, ?

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

35. In a row of boys, Rahul is 31st from top and Vinod is 53rd from bottom. There are 22 boys between Vinod and Rahul. There are 15 girls in other row. How many minimum students are there?

- (1) 65
- (2) 72
- (3) 75
- (4) 80

36. From the given alternatives, select the word which CANNOT be formed using the letters of the given word.

MISINFORMATIVE

- (1) FORM
- (2) MOTIVE
- (3) INFORM
- (4) MANY

37. In a certain code language, "FUMES" is written as "62113519" and "MONTE" is written as "131514205". How is "CARLO" written in that code language?

- (1) 31181215
- (2) 4181256
- (3) 4111185
- (4) 21812165

38. In a certain code language, '+' represents 'x', 'x' represents '+', '-' represents '÷' and '÷' represents '-'. Find out the answer to the following question.

$$10 \div 4 - 10 \div 6 \times 2 = ?$$

- (1) 39 (2) 11
(3) 21 (4) 36
39. The following equation is incorrect. Which two signs should be interchanged to correct the equation?

$$18 \div 2 \times 4 + 10 - 2 = 25$$

- (1) ÷ and - (2) + and ÷
(3) - and + (4) × and -
40. If $6 \# 2 = 4$, $2 \# 6 = 4$ and $14 \# 12 = 13$, then find the value of $4 \# 24 = ?$

- (1) 8 (2) 14
(3) 20 (4) 18
41. Which of the following terms follows the trend of the given list?

CBABABABA, BCABABABA, BACBABABA, BABACBABA, BABACBABA, _____

- (1) BABABACBA
(2) CBABABABA
(3) BABABCABA
(4) BCABABABA
42. A woman leaves her hut and walks 3 km East, then she turns South and walks 2 km, then she turns West and walks 1.5 km, then she turns North and walks 3 km, then she turns to her left and walks 1.5 km to reach the market. Where is this market with respect to her hut?

- (1) 5 km North
(2) 1 km North
(3) 1 km South
(4) 5 km South

43. In this question two statements are given, followed by two Conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given Conclusions, if any, follows from the given statements.

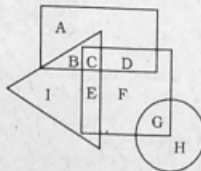
Statements :

- I. All cigarettes are tobacco.
II. No cigar is cigarette.

Conclusions :

- I. Some tobacco are cigars.
II. All cigars are tobacco.
(1) Only Conclusion I follows
(2) Only Conclusion II follows
(3) Both Conclusions I and II follow
(4) Neither Conclusion I nor Conclusion II follows

44. In the following figure, rectangle represents Film directors, circle represents Bikers, triangle represents Riders and square represents Asians. Which set of letters represents Film directors who are Riders ?



- (1) BCD (2) BC
(3) B (4) C
45. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

CLH, GPL, KTP, OXT, ?

- (1) SDY (2) TDX
(3) SBX (4) TCY
46. In the following question, select the missing number from the given alternatives :

97, 91, 79, 61, 37, ?

- (1) 9 (2) 7
(3) 1 (4) 5

47. In the following question, four groups of three numbers are given. In each group the second and third numbers are related to the first number by a Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

- (1) (5, 14, 24)
(2) (9, 26, 44)
(3) (15, 44, 74)
(4) (8, 25, 39)

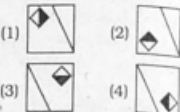
48. If a mirror is placed on the line MN, then which of the answer figure is the right image of the given figure ?

Question Figure :



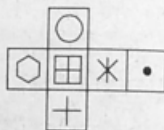
M N

Answer Figures :

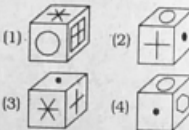


49. Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure ?

Question Figure :



Answer Figures :



50. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabet as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example 'C' can be represented by 21, 34 etc and 'T' can be represented by 57, 96 etc. Similarly, you have to identify the set for the word 'FANG'.

Matrix-I

	0	1	2	3	4
0	I	M	I	G	E
1	C	F	H	L	I
2	F	C	L	K	E
3	A	B	E	B	C
4	M	I	F	G	I

Matrix-II

	5	6	7	8	9
5	Q	Z	T	S	X
6	P	U	P	W	X
7	N	R	Z	Y	Q
8	R	Z	Q	X	Y
9	W	T	R	Y	U

- (1) 11, 30, 75, 43
 (2) 41, 59, 10, 69
 (3) 44, 89, 11, 68
 (4) 22, 67, 40, 78

QUANTITATIVE APTITUDE

51. Find the unit digit in $1! + 2! + 3! + 4! + \dots + 50!$.

- (1) 1 (2) 3
 (3) 5 (4) 8

52. What would be the remainder when $10^6 - 12$ is divided by 9?

- (1) 5 (2) 4
 (3) 7 (4) 3

53. If $25^{x+y} = 1$ and $3^{4x+y} = \frac{1}{27}$,

then find the value of xy .

- (1) -2 (2) -1
 (3) 0 (4) 1

54. If $a = -7$, $b = 5$ and $c = 2$, then find the value of $a^3 + b^3 + c^3$.

- (1) -210 (2) -180
 (3) 180 (4) 210

55. What is the maximum number of common tangents which can be drawn to the circle, if the distance between the circles is equal to the sum of their radii?

- (1) 0 (2) 1
 (3) 3 (4) 4

56. If two circles touch each other internally, only _____ common tangent can be drawn to them.

- (1) 0 (2) 1
 (3) 2 (4) 3

57. Rajiv scored 20% marks in an exam and failed by 11 marks. If he scored 50% marks, he gets 4 marks more than passing marks. What is the passing marks for the exam?

- (1) 21 (2) 33
 (3) 50 (4) 45

58. A bag contains 1 rupee, 50 paise and 25 paise coins. The value of 1 rupee, 50 paise and 25 paise coins are in the ratio of 5 : 3 : 1 respectively. If total number of coins is 180, what will be the total value (in Rs.) of all coins?

- (1) 112 (2) 180
 (3) 196 (4) 108

59. Rahul adds 2 litres of alcohol in 6 litres of water and Dinesh adds 1 litre of alcohol in 9 litres of water. What is the ratio of the percentage of alcohol in the two mixtures?

- (1) 7 : 4 (2) 2 : 1
 (3) 5 : 2 (4) 8 : 3

60. If the difference between the average of d and e and that of e and h is 19, what will be the difference between d and h ?

- (1) 88 (2) 22
 (3) 9 (4) 19

61. The simple interest on a sum

is $\frac{3}{5}$ th of the principal at the

rate of 7.5% per annum. What is the time period (in years)?

- (1) 7.5 (2) 8
 (3) 10 (4) 12.5

62. If the cost price of an article is 35% of the selling price, what is the profit per cent?

- (1) 185.71 (2) 212.36
 (3) 144.42 (4) 110.11

63. The marked price of a shirt is Rs. 10400. A shopkeeper allows a discount of 20% on the shirt and gains 30%. If no discount is given, what will be the profit per cent?

- (1) 62.5 (2) 37.5
 (3) 44 (4) 45

64. Which of the following is/are TRUE?

I. $(2\sqrt{26}) > (3\sqrt{35})$

II. $(3\sqrt{37}) > (4\sqrt{50})$

- (1) Only I
 (2) Only II
 (3) Neither I nor II
 (4) Both I and II

65. To complete a wall, X takes 20% more time than Y. If together they complete the wall in 30 days, how much time (in days) will Y alone take to complete it?

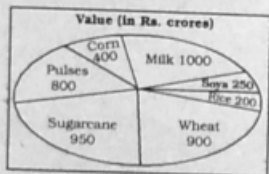
- (1) 55 (2) 52
 (3) 44 (4) 58

66. A car covers a distance of 20 km in 15 minutes. If its speed is decreased by 10 km/hr, what will be the time (in minutes) taken by it to cover the same distance?

(1) $\frac{150}{11}$ (2) $\frac{120}{7}$

(3) $\frac{130}{11}$ (4) $\frac{150}{13}$

Directions (67-70) : The pie-chart shows the value of the total annual agricultural production of a country. Study the diagram and answer the following questions.



67. The value of annual production of which agricultural item is the most?

- (1) Sugarcane (2) Pulses
(3) Wheat (4) Milk

68. What is the total value (in Rs. crores) of the annual agricultural production of the country?

- (1) 4000 (2) 5000
(3) 5500 (4) 4500

69. The measure of the central angle of the sector representing the production of milk is _____ degrees.

- (1) 90 (2) 70
(3) 100 (4) 80

70. If the value of wheat is Rs. 15,000 per tonne, how many tonnes of wheat was produced?

- (1) 60000 (2) 120000
(3) 600000 (4) 12000

71. The length and breadth of a rectangle are 12 cm and 5 cm respectively. Calculate its perimeter (in cm.).

- (1) 68 (2) 20
(3) 40 (4) 34

72. What is the sum of the measures of all the interior angles of a regular polygon of 8 sides?

- (1) 1080° (2) 1260°
(3) 1440° (4) 1800°

73. Find the volume (in cm^3) of a cuboid of length, breadth and height of 7.5 cm, 5 cm and 6 cm respectively.

- (1) 195 (2) 180
(3) 225 (4) 173

74. $\triangle DEF$ is right angled at E. If $m\angle D = 60^\circ$, then find the value of $\left(\cot F + \frac{1}{\sqrt{3}}\right)$.

(1) $\frac{3\sqrt{3}}{2}$ (2) $\frac{4}{\sqrt{3}}$

(3) $\frac{(2+2\sqrt{3})}{\sqrt{3}}$ (4) $\frac{7}{2\sqrt{3}}$

75. $\triangle XYZ$ is right angled at Y. If

$\cot X = \frac{3}{4}$, what is the value of $\tan Z$?

(1) $\frac{5}{3}$ (2) $\frac{4}{5}$

(3) $\frac{4}{3}$ (4) $\frac{3}{4}$

GENERAL AWARENESS

76. Which of the following is NOT a component of M-2?

- (1) small time deposits
(2) money market mutual funds
(3) stocks
(4) checkable deposits

77. Which Five Year Plan had an objective of 'Rapid industrialization with particular emphasis on development of basic and heavy industries'?

- (1) First (2) Second
(3) Third (4) Fourth

78. Which of the following is NOT correctly matched?

- (1) Khamsin - Egypt
(2) Chinook - China
(3) Sirocco - Italy
(4) Ghibli - Libya

79. Which is the highest river dam in India?

- (1) Hirakud Dam
(2) Bhakra dam
(3) Sardar Sarovar Dam
(4) Tehri Dam

80. Whom did the Mughals take the festival of Navaroz?

- (1) Parsi (2) Jewish
(3) Mangol (4) Turks

81. Which of the following rebellion occurred due to the removal of King Bharmal?

- (1) Kutch Rebellion
(2) Surat Rebellion
(3) Khasi Rebellion
(4) Bhil Rebellion

82. Which number of Sikh guru was Guru Arjun Dev?

- (1) Second (2) Fifth
(3) Sixth (4) Seventh

83. Which African country has been declared polio-free country by the World Health Organization (WHO) in December 2017?

- (1) Angola (2) Somalia
(3) Gabon (4) South Africa

84. Who among the following is a winner of inaugural Times Power Women 2017 Award?

- (1) Shabana Azmi
(2) Krishna Gandhi
(3) Hema Malini
(4) Shabnam Asthana
85. What is the national bird of Bangladesh?
(1) Magpie Robin
(2) Blue-throated barbet
(3) Green-billed malkoha
(4) Baya weaver
86. Which type of electromagnetic radiation have wavelength in the range of 10^{-11} – 10^{-8} metre?
(1) Radio waves
(2) Ultraviolet waves
(3) Visible light
(4) X-rays
87. A device G.M counter is used for the measurement of which of the following?
(1) Speed of air
(2) Mass number
(3) Radioactivity
(4) Valence
88. Every village Panchayat is divided into smaller areas. What are these areas called?
(1) Gram
(2) Town
(3) Ward
(4) No option is correct.
89. _____ is a document that lays down the basic rules and regulation for people and the government in the country to follow.
(1) Rule book
(2) Regulation Book
(3) Constitution
(4) Democratic Book
90. Which of the following pair represent the CORRECT pair of reproductive parts of a flower?
(1) Sepals and Petals
(2) Sepals and Carpels
(3) Stamens and Carpels
(4) Petals and Stamens
91. The cells of sclerenchyma tissue have their walls thickened due to which chemical substance?

- (1) Cellulose
(2) Lignin
(3) Pectin
(4) Hemicellulose
92. In December 2017, MSME Ministry launched a public procurement portal. What is the name of that portal?
(1) MSME Procure
(2) MSME Acquire
(3) MSME Sambandh
(4) MSME Saathi
93. Humankind's oldest mammal ancestor named Durlstotherium newmani has been discovered in _____.
(1) West Indies
(2) India
(3) United Kingdom
(4) China
94. In September 2017, India's foreign exchange reserves touched how much amount for the first time?
(1) \$ 500 billion
(2) \$ 400 billion
(3) \$ 600 billion
(4) \$ 700 billion
95. The Union Ministry of Housing and Urban Affairs launched the "Protocol for Star Rating of Garbage-Free Cities" in which state?
(1) Maharashtra
(2) New Delhi
(3) Goa
(4) Karnataka
96. What is the power rating (in W) of a bulb if a current of 0.1A passes through on application of 250V of potential difference across its terminals?
(1) 2500 (2) 50
(3) 25 (4) 1250
97. More density of the particles in the medium through which sound travels, creates more _____ and vice versa.
(1) pressure (2) energy
(3) power (4) force
98. The movement of air from one region to the other creates _____.
(1) clouds (2) lightning
(3) winds (4) humidity

99. Which of the statements given below are correct?
A. Zhu Yuling won the Tennis 2017 Cincinnati Masters Women's Singles.
B. In 2017 Pro Kabaddi League, Selvamani K played for Jaipur Pink Panthers.
C. Grigor Dimitrov won the Tennis 2017 Cincinnati Masters Men's Singles.
(1) Both A and B
(2) Both B and C
(3) Both A and C
(4) A, B and C
100. In HTML, _____ creates a place wherein one line of information can be typed.
(1) TYPE = "TEXT"
(2) TYPE = "PASSWORD"
(3) TYPE = "RADIO"
(4) TYPE = "CHECKBOX"