

PART-I : ENGLISH

1. Synonyms for:

Hostile :

- (a) fortress (b) prison
(c) jail (d) lap

2. Select the one which best expressed at the same sentence in Passive / Active Voice.

They drew a circle in the morning.

- (a) A circle was being drawn by them in the morning.
(b) A circle was drawn by them in the morning.
(c) In the morning a circle have been drawn by them.
(d) A circle has been drawing since morning.

3. Fill in the blank :

The destiny has destined him a higher post than his new holds.

- (a) for (b) to
(c) on (d) upon

4. Find the odd one out from the options :

- (a) Tornado (b) Twister
(c) Cyclone (d) Volcano

5. Analogy for:

ISLAND : ARCHIPELAGO ::

- (a) shambles : aim
(b) stomach : intestine
(c) show : lace
(d) race : foot

6. Choose the one which can be substituted for the given words/sentences.

A figure of speech by which a thing is spoken of as being that which it only resembles

- (a) Metaphor

- (b) Simile
(c) Personification
(d) Alliteration

7. Analogy for:

NIGHTS : DAILY :

- (a) nocturnal : diurnal
(b) black : white
(c) named : unnamed
(d) ephemeral : permanent

8. In the question below, four alternatives are given for the idiom/phrases. Choose the answer which best expresses the meaning of the given idiom/phrases:

To learn a hole in the pocket

- (a) to steal from someone's pocket
(b) to destroy other's belongings
(c) to be very steady
(d) to move that is spent quickly

9. Antonyms for -

- Compatibility**
(a) affinity
(b) compulsion
(c) estrangement
(d) anarchy

10. In the following question, the 1st and the last parts of the sentence are numbered 1 and 5. The rest of the sentence is split into four parts and named P, Q, R and S. These four parts are not given in their proper order. Read the sentence and find out which of the four combinations is correct.

Then find the correct answer.

1. And then word
P. came from inside
Q. about the released civilians

- R. that after all
S. the press could
4. but fleetingly

- (a) PQRSP (b) SRQP
(c) PRSQ (d) RQPS

11. In the following question, the 1st and the last parts of the sentence are numbered 1 and 5. The rest of the sentence is split into four parts and named P, Q, R and S. These four parts are not given in their proper order. Read the sentence and find out which of the four combinations is correct. Then find the correct answer.

1. Can any one
P. falsified triumph
Q. and let
R. for a long time
S. suppress truth
4. permanently ?

- (a) RQSP (b) QPSP
(c) SRQP (d) PRQS

12. In question given below, a part of sentence is bold. Below are given alternatives to the bold part which may improve the sentence. Choose the correct alternative. In case no improvement is needed, option (d) is the answer. We were not the writer for all this effort to explain the case to us.

- (a) none
(b) neither
(c) nevertheless
(d) No improvement

13. In the question given below, four alternatives are given for the idiom/phrases. Choose the answer which best expresses the meaning of the given idiom/phrases

Below reason

- (a) opportunity for freedom of action
 (b) special room for the guest
 (c) to give enough space to move or work in
 (d) to add a new room to the house

14. Choose the word which best expresses the meaning of the given word.

BLASTIC

- (a) Animated
 (b) Enlivened
 (c) Enraptured
 (d) Iffy

15. Find the correct word for each expression.

Instrument for testing the quality of milk

- (a) Altimeter
 (b) Lactometer
 (c) Barometer
 (d) Chromometer

16. In the question below, four alternatives are given for the idiom/phrase. Choose the correct which best expresses the meaning of the given idiom/phrase.

To play fast and loose

- (a) to deceive someone
 (b) to be playful
 (c) say one thing and do another
 (d) to be efficient

17. Analogy for :

SCALE : TONE

- (a) physician : medicine
 (b) wave : amplitude
 (c) spectrum : colour
 (d) rainbow : shower

18. Choose the word which is not a synonym for the given word :

Flake

- (a) scarf (b) silver
 (c) chip (d) branding

19. Analogy for :

NEEROMANER -
 WITZENDRAFT :

- (a) passion : excellence
 (b) gourmand : starvation
 (c) swindler : Kenawy
 (d) lawyer : graft

20. In the following questions, sentences are given with blanks to be filled in with an appropriate word. Four alternatives are suggested for each question. Choose the correct alternative out of the four.

My relatives look the garden.

- (a) upon (b) out on
 (c) in (d) at

21. Choose the word which is most opposite in meaning to the bold word:

It was a very dreary day.

- (a) dank (b) dangerous
 (c) beautiful (d) bright

22. In question given below a part of sentence is **bold**. Below are given alternatives to the bold part which may improve the sentence. Choose the correct alternative. In case no improvement is needed, option (d) is the answer. I could have waited for you at the station if I knew that you would come.

- (a) had known
 (b) was knowing
 (c) have known
 (d) No improvement

23. Choose the word which is most nearly the same in meaning to the bold word:

He is very impulsive in everything he does.

- (a) deliberate (b) wary
 (c) rash (d) impressive

24. Synonym for :

Arrogate

- (a) levitate (b) gilded
 (c) resplendent (d) urbane

25. Choose the alternative which best expresses the meaning of the idiom/Phrase.

At the eleventh hour

- (a) too late
 (b) too early
 (c) immediately
 (d) at the last moment

PART-II : REASONING ABILITY

26. Find that pair of numbers which is not related to the other three pairs of numbers due to lack of constant property.

- (a) 27, 36 (b) 42, 39
 (c) 57, 69 (d) 73, 61

27. In each of the following questions, find the odd word from the given responses.

- (a) Mouth Organ
 (b) Electric Guitar
 (c) Keyboard
 (d) Sonata

28. Find the missing figure from the given alternatives :



- (a) (b) (c) (d)



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

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

29. Find the odd one out :

- (a) Cathedral (b) Mosque
 (c) Monastery (d) Temple

30. In a skin A, B, C and D are written on the adjacent faces in a clockwise order and E and F are at the top and bottom of cube. When C is at the top, what will be at the bottom ?



- (a) E (b) A
 (c) F (d) B

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

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

32. Unscramble the letters in the given words and find the odd one.

- (a) RLFJAL (b) RAORCT
 (c) AUVAG (d) NODPI

33. Alphabets from A to Z are coded into numbers 1 to 26. A word is coded by replacing its Alphabets with of letters in the original word in an additional number to the right e.g. CAT is coded as 31200. ABC is 1123 and XYZ is

2459293. The coating, which is added to non-woven clothing.

Which of the following codes is guaranteed to have unique decoding?

- (a) 12133
(b) 10100
(c) 1213214
(d) None of these

34. Find the odd one out:

- (a) Flute (b) Sitar
(c) Con (d) Pife

35. There are five different houses, A to E, in a row. A is to the right of B and B is to the left of C and right of A. D is to the right of E. Which of the houses is in the middle?

- (a) A (b) E
(c) D (d) C

36. Find the odd letters from given alternatives:

- (a) PQRS (b) DCOF
(c) ABDF (d) MNPR

37. A girl introduced a boy as the son of the daughter of the father of her uncle. The boy is girl's:

- (a) Uncle (b) Nephew
(c) Brother (d) Son

38. A squirrel starts climbing up a tree at the speed of 4 metres per minute but after each 6 metres it slips down 2 metres. It will be able to reach a top of 120 metres high in:

- (a) 30 minutes (b) 60 minutes
(c) 90 minutes (d) $1\frac{1}{2}$ hours

39. If in a certain language KENTLE is coded as ELONIK, how is EGOTIC coded in that code?

- (a) EOGTIC (b) EOGTLE
(c) GTCOKE (d) COGOTE

40. There are six persons—A, B, C, D, E and F. We have to rank them in such a way that B gets first rank and E gets the last rank. In how many ways this could be done?

- (a) 24 (b) 120
(c) 600 (d) 40

41. Influenza Virus is Typoid?

- (a) Bacteria (b) Fungus
(c) Protozoa (d) Bacteria

42. If 'x' stands for division, 'y' stands for subtraction, 'z' stands for multiplication, 'w' stands for addition, then which one of the following equations is correct?

- (a) $30 - 2 + 4 \times 5 + 6 = 44$
(b) $78 - 2 + 4 \times 5 + 6 = 71$
(c) $78 - 2 \times 4 + 5 \times 6 = 341$
(d) $78 - 2 + 4 \times 5 \times 6 = 33$

43. In each of the following questions, four pairs of words are given. Out of which words in these pairs are related in the same way. Find the pair which is differently related:

- (a) Lyric, Ode
(b) Sky, Earth
(c) Head, Legs
(d) Newspaper, Journalist

44. Artists are generally whimsical. Some of them are frustrated. Frustrated people are prone to be drug addicts. Based on these statements which of the following conclusions is true?

- (a) All frustrated people are drug addicts.
(b) Some artists may be drug addicts.
(c) All drug addicts are artists.
(d) Frustrated people are whimsical.

45. How many 7's are there in the following series which are preceded by 8, which is not preceded by 7?

- 896789789789187898989897
(a) Two (b) Nil
(c) One (d) Three

46. A cube is painted on all sides using white and red colours such that opposite faces are painted in

different colours. This cube is cut into 27 smaller cubes of equal size. How many smaller cubes will have only one face colored?

- (a) 3 (b) 6
(c) 6 (d) 12

47. [i] Six friends A, B, C, D, E and F are seated in a circle facing each other.
(ii) A is between D and E and F is between C and E.
(iii) C is the third to the left of B.
Which of the following is the position of A in relation to F?

- (a) Second to the left
(b) Second to the right
(c) Fourth to the right
(d) Third to the right

48. Two items or words bear a particular relation with each other. Third item bears the same relation (which first and the second bear) with one of the answer choices. The candidates are to pick up that word or item.

Degree relationship

WARM : HOT :

- (a) Glass : Paper
(b) Bright : Gentle
(c) Climate : Weather
(d) Leaders : People

49. If A is 1, B is 2, C is 3, D is 7, E is 6 and so on, how will you spell "REAT"?

- (a) 26135 (b) 17738
(c) 26126 (d) 38147

50. A bag contains 2 red marbles, 2 green marbles and 4 blue marbles. A marble is picked at random from the bag. What is the probability that the marble is not a blue marble?

- (a) $\frac{2}{9}$ (b) $\frac{3}{9}$
(c) $\frac{1}{9}$ (d) $\frac{2}{9}$

PART-III : GENERAL AWARENESS

51. Souring of milk is due to:

- (a) Proteases (b) Bacteria
(c) Virus (d) Membrane

52. The tragic of Cancer does not pass through:

- (a) Egypt (b) India
(c) Iran (d) Mexico

53. According to the Union Budget 2013-2014, the an royalty and fee for technical services to NRDI has been increased to.....

- (a) 15% (b) 30%
(c) 25% (d) 35%

54. In which state, ruling Left Front won the Assembly elections for the consecutive fifth term?

- (a) Meghalaya
(b) Nagaland
(c) Tripura
(d) None of these

23. The National Anthem was written by..... and was translated into English by.....
- (a) Bankim Chandra Chatterji, Aravind Ghosh
 (b) Mahindra Nath Tagore, Aravind Ghosh
 (c) Bankim Chandra Chatterji, Mahindra Nath Tagore
 (d) The national anthem was originally written in English and was translated later.
24. The 'Dark Continent' is :
 (a) Africa
 (b) South America
 (c) Australia
 (d) Asia
25. Common coal used in our household is :
 (a) Anthracite
 (b) Bituminous coal
 (c) Lignite
 (d) All of these
26. Which of the following is found in the largest number ?
 (a) Fungi (b) Algae
 (c) Bacteria (d) Insects
27. If all bullets could not be removed from gas that injury of a man, it may cause poisoning by :
 (a) Mercury (b) Lead
 (c) Iron (d) Arsenic
28. NRDC stands for :
 (a) National Hydro Research Committee
 (b) National Handicapped Rehabilitation Council
 (c) National Human Rights Commission
 (d) None of these
29. World Bank helps countries with loans for the purpose of :
 (a) Development
 (b) Stimulating private investment
 (c) Tackling foreign exchange crises
 (d) Meeting deficits in government budget
30. Who among the following is the author of the book, "Sachin Born to Run-The Journey of Cricket's Ultimate Contender" ?
 (a) Khalid Azmi
 (b) Boris Majumdar
 (c) Khari Nageshwar
 (d) Sri Hastina
31. The Reliquary TROON is :
 (a) Gallium Triox Phosphate
 (b) Difluoro Dichloro Methane
 (c) Fluorine and Oxygen
 (d) Hydrofluosulfonic Acid
32. Tuberculosis is caused by :
 (a) Virus (b) Bacteria
 (c) Protozoa (d) Fungi
33. Naveen Chaturvedi became the new President of :
 (a) China
 (b) Ghana
 (c) Kazakhstan
 (d) Cyprus
34. The first All India Trade Union Congress (AITUC) was founded in 1920 by :
 (a) N.M. Joshi
 (b) Parashchandra Thakurdas
 (c) V.V. Giri
 (d) Sheoaram Prasad Mukherji
35. The position of Indian Railways network in the world is :
 (a) Second (b) Third
 (c) Fourth (d) Fifth
36. Cassini triangle is located in :
 (a) India (b) Sri Lanka
 (c) Bangladesh (d) Maldives
37. Which types of zones are given in India for industrial applications ?
 (a) R. Coastal and Backwash Zone
 (b) R. Domestic Far Back
 (c) Back Domestic
 (d) All (a), (b) and (c)
38. Which of the following countries has Red river delta ?
 (a) Japan (b) Indonesia
 (c) Malaysia (d) Vietnam
39. Which of the following countries has large forest resources ?
 (a) Iran (b) Turkey
 (c) Syria (d) Iraq
40. National Development Council was constituted on :
 (a) August 16, 1950
 (b) April 1, 1951
 (c) August 8, 1952
 (d) August 28, 1952
41. The abbreviation list given. Pick the wrong one :
 (a) OBC-Order of the British Empire
 (b) PSLV-Polar Satellite Launching Vehicle
 (c) CMA-Cash on Withdrawal
 (d) UPSC-Union Public Service Commission
42. The first non-stop air-conditioned DURANTO train was flagged off between :
 (a) New Delhi - New Delhi
 (b) Mumbai - Mumbai
 (c) Bangalore - Mumbai
 (d) Chennai - New Delhi
43. The South Pole experience continuous light at :
 (a) Summer solstice
 (b) Winter Solstice
 (c) Vernal equinox
 (d) No time

PART-IV : NUMERICAL ANALYSIS

38. A man, a woman and a boy together complete a piece of work in 3 days. If a man alone can do it in 8 days and a boy alone in 16 days, how long will a woman take to complete the work ?
 (a) 9 days (b) 21 days
 (c) 24 days (d) 37 days
39. If $\sqrt{1289} = 36$, then the value of $\sqrt{1236} + \sqrt{1288} + \sqrt{1301289} + \sqrt{13001289}$ is :
 (a) 2300
 (b) 23000
 (c) 230000
 (d) None of these
40. The perimeters of a circular and a square field are equal. What is the diameter of the circular field, if the area of the square field is 484 m^2 ?
 (a) 22 m
 (b) 22 cm
 (c) 22 km
 (d) 22 dm
41. A peepal tree was planted 3 years ago. It increases at the rate of 20% every year. If at present, the height of the tree is 948 cm, what was it when the tree was planted ?
 (a) 524 cm (b) 608 cm
 (c) 375 cm (d) 432 cm

80. The ratio between the rates of travelling of A and B is 2 : 3 and therefore A takes 18 minutes more than the time taken by B to reach a destination. If A had walked at double the speed, he would have covered the distance in :

- (a) 30 min (b) 23 min
(c) 20 min (d) 15 min

81. The sum of the squares of two positive integers is 100 and the difference of their squares is 28. The sum of the numbers is :

- (a) 22 (b) 18
(c) 14 (d) 16

82. 8 men can finish a piece of work in 40 days. If 2 more men join with them, then the work will be completed in :

- (a) 30 days (b) 33 days
(c) 38 days (d) 25 days

83. 10 women can complete a work in 7 days and 10 children take 14 days to complete the work. How many days will 3 women and 10 children take to complete the work ?

- (a) 3 days (b) 5 days
(c) 7 days (d) Cannot be determined

84. A 30 m long ladder is placed against a wall. It is inclined at an angle of 36° to the ground. The distance of the foot of the ladder from the wall is :

- (a) 7.32 m (b) 8.25 m
(c) 8.68 m (d) 8.39 m

85. The sum of five numbers is 305. The average of first two numbers is 75 and the third number is 71. What is the average of last two numbers ?

- (a) 145 (b) 150
(c) 265 (d) 260

86. The mean temperature of Monday to Wednesday was 37°C . If the temperature on Thursday was $\frac{4}{9}$ of that of Monday, then

what was the temperature on Thursday ?

- (a) 34.5°C (b) 30°C
(c) 28.5°C (d) 24°C

87. The circle given below is divided into eight sectors of equal area. What is the probability that the spinner will land on 80

or a seven-numbered region in each of two consecutive spins ?



- (a) $\frac{25}{32}$ (b) $\frac{3}{8}$
(c) $\frac{1}{4}$ (d) $\frac{9}{64}$

88. The Marudhar was invented by :

- (a) INSODC (b) BARE
(c) ISM (d) IRI

89. An express train travelled at an average speed of 100 km/hr, stopping for 3 minutes after 75 km. A local train travelled at a speed of 50 km/hr, stopping for 1 minute after every 25 km. If the trains began travelling at the same time, how many kms did the local train travel in the time it took the express train to travel 600 km ?

- (a) 267.5 km (b) 500 km
(c) 1000 km (d) 1200 km

90. The price of sugar is increased by 20%. If the expenditure is not allowed to increase, the ratio between the reduction in consumption and the original consumption is :

- (a) 1 : 3 (b) 1 : 4
(c) 1 : 6 (d) 1 : 5

$$91. \frac{1}{2} + \frac{1}{3} + \frac{1}{12} + \frac{1}{20} + \frac{1}{30} + \dots$$

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

- (a) $\frac{1}{n}$ (b) $\frac{1}{n+1}$
(c) $\frac{1(n-1)}{n}$ (d) $\frac{n}{(n+2)}$

92. The difference between the present ages of Anil and Sadika is 6 years. The ratio between their ages after 4 years will be 3 : 4. What can be the present age of Sadika ?

- (a) 15 years (b) 18 years
(c) 20 years (d) 24 years

93. By selling a table for ₹ 650/- instead of ₹ 400/-, loss percent increases by 5%. The cost price of the table is :

- (a) ₹ 425/- (b) ₹ 417.50/-
(c) ₹ 1,000/- (d) ₹ 1,650/-

94. A dealer offers a discount of 10% on the marked price of an article and still makes a profit of 20%. If its marked price is ₹ 600/-, then the cost price is :

- (a) ₹ 680/- (b) ₹ 700/-
(c) ₹ 650/- (d) ₹ 600/-

95. In a ratio which is equal to 5 : 6, if the antecedent is 40, then the consequent is :

- (a) 28 (b) 64
(c) 48 (d) None of these

96. 9 children can complete a piece of work in 260 days, 18 men can complete the same piece of work in 70 days and 12 women can complete it in 160 days. In how many days can 4 men, 12 women and 10 children together complete the piece of work ?

- (a) 60 days (b) 80 days
(c) 90 days (d) 124 days

97. A, B, C started a shop by investing ₹ 20,000/-, ₹ 61,000/- and ₹ 72,000/- respectively. At the end of one year, B's share of total profit was ₹ 26,000/-. What was the total profit ?

- (a) ₹ 1,00,000/- (b) ₹ 1,18,000/-
(c) ₹ 80,000/- (d) ₹ 62,000/-

98. A class of 30 students occupy a classroom containing 5 rows of seats, with 8 seats in each row. If the students seat themselves at random, the probability that the sixth seat in the fifth row will be empty is :

- (a) $\frac{1}{5}$ (b) $\frac{1}{2}$
(c) $\frac{1}{4}$ (d) $\frac{2}{5}$

99. If a student walks from his house to school at 5 km/hr, he is late by 30 minutes. However, if he walks at 6 km/hr, he is late by 5 minutes only. The distance of his school from his house is :

- (a) 2.5 km (b) 3.8 km
(c) 5.5 km (d) 12.8 km

100. Find the missing value of the series : 1, 5, 9, 1, 30, 27

- (a) 14 (b) 18
(c) 16 (d) 14