



ENTRANCE EXAM
CLASS – VII

G.K.

- Q.1 Which of the following gases is known as 'laughing gas'?
- A. Sulphur dioxide
 - B. Carbon dioxide
 - C. Nitrous oxide
 - D. Helium
- Q.2 Which word is used for a person who eats too much?
- A. Glutton
 - B. Gregarious
 - C. Agnostic
 - D. Sarour
- Q.3 Which of the following is one of the five principles of yoga by Shivananda?
- A. Inana
 - B. Tantra
 - C. Savasana
 - D. Bhakti
- Q.4 Which of the following traditional folk dances of Manipur is performed mainly during the festival of Holi?
- A. Mallakhamb
 - B. Silambam
 - C. Kathi Samu
 - D. Dhol-Cholam
- Q.5 Chakyar Koothi is a performing art associated with ---
- A. Himachal Pradesh
 - B. Karnataka
 - C. Kerala
 - D. Assam

REASONING

- Q6. In a row of 26 girls, when Sakshi shifted four places towards the left, she become 10th from the left end. What was her earlier position from the right end of the row?
- A) 10th
 - B) 11th
 - C) 12th
 - D) 13th
- Q7. In a certain code "PETROL" is written as "QG WVTR". How is "DIESEL" written in that code?
- A) SRLFEP
 - B) JDKALE

- C) EKHWRJ
D) UDQKAN

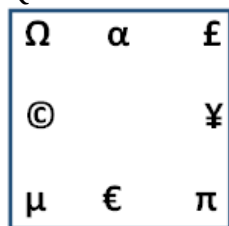
Q8. If 'A+B' means A is brother of B, 'A*B' means A is sister of B, 'A-B' means A is mother of B and 'A@B' means A is father of B then which of the following is correct about M+S@N*D ?

- A) N Is Mother Of D
B) N Is Daughter Of S
C) S Is Brother Of M
D) M is sister of D

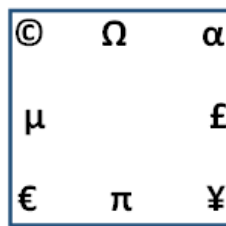
Q9. Find the odd one out.

- A) 23 : 25
B) 13 : 16
C) 34 : 49
D) 45 : 47

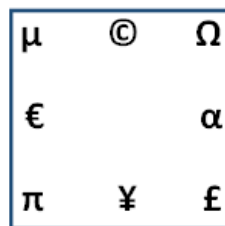
Q10. Find the odd one out.



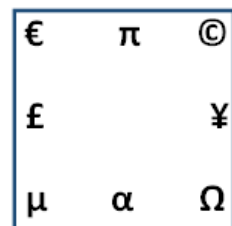
A



B



C



D

- A) Figure A
B) Figure B
C) Figure C
D) Figure D

MATHS

Q11 The largest four digit number formed by using two different digits (1 and 0) is

- (A) 1001
(B) 1110
(C) 1100
(D) 1101

Q12. The roman numeral of the number 14×6 is

- (A) LVXXXI
(B) LXXXVI
(C) LXXIV
(D) LXXXIV

Q13. Which of the following indicates the distributive property?

- (A) $a+b = b+a$
(B) $a \times (b+c) = a \times b + a \times c$
(C) $a \times (b \times c) = (a \times b) \times c$
(D) $a \times b = b \times a$

Q14 What is the additive identity?

- (A) 1
(B) 2
(C) 0
(D) None of these

Q15. Identify the composite number:

- (A) 27
- (B) 37
- (C) 31
- (D) 13

Q16. One cm =

- (A) 0.001 m
- (B) 0.01 m
- (C) 0.0001 m
- (D) 0.1 m

Q17. The sum of two prime numbers

- (A) always even
- (B) always odd
- (C) May be even or odd
- (D) Irrational

Q18. Line segment contain

- (A) No ends
- (B) One fix end
- (C) Two fix ends
- (D) One fix and other movable end

Q19. A rectangle has vertices, ... sides and diagonals.

- (A) 4,4,2
- (B) 6,6,3
- (C) 6,4,2
- (D) 2,4,4

Q20. In a triangle, sum of any two sides is always

- (A) Greater than the third side
- (B) Less than the third side
- (C) Equal to the third side
- (D) Twice of the third side

Q21. If a triangle has different sides, then it is known as

- (A) Isosceles triangle
- (B) Scalene triangle
- (C) Equilateral triangle
- (D) Right angled triangle

Q22. What is the predecessor of -9?

- (A) 10
- (B) -8
- (C) -10
- (D) 9

Q23. Which of the following statements is false?

- (A) $-19 - (-3) = -16$
- (B) $-18 < -15$
- (C) Every negative integer is more than 5
- (D) $23 + (-31) = -8$

Q24. A fraction whose numerator is equal to or greater than its denominator is called

- (A) Proper fraction
- (B) Improper fraction

- (C) Like fraction
- (D) Equivalent fraction

Q25. Which of the following fraction is not in the simplest form?

- (A) $\frac{27}{28}$
- (B) $\frac{11}{33}$
- (C) $\frac{49}{87}$
- (D) $\frac{14}{9}$

Q26. What is the place value of 1 in number 45.021?

- (A) $\frac{1}{10}$
- (B) $\frac{1}{100}$
- (C) $\frac{1}{1000}$
- (D) 1

Q27. The length of 247 mm in metres is gives as.....

- (A) 2.47
- (B) 24.7
- (C) 247
- (D) 0.247

Q28. In a data, frequency of women and men in an area are 100 and 150. Then, find the ratio of frequency of the men to frequency of women.

- (A) 3:2
- (B) 2:3
- (C) 5:3
- (D) 3:5

Q29. A dice was thrown 15 times and the following scores were obtained 1 3 5 3 5 6 5 2 1 2 4 4 3 1 3. Find the minimum frequency and its indication by tally marks?

- (A) I
- (B) II
- (C) III
- (D) IIII

Q30. Perimeter of any closed shape indicates.....

- (A) Twice of length of boundary
- (B) Region outside of closed shape
- (C) Total length of boundary of closed shape
- (D) Region bounded by boundary of shape

Q31. What is the formula of calculating number of tiles?

- (A) Area of floor + area of all tiles
- (B) Area of floor $\times$ area of one tiles
- (C) Area of floor $\div$ area of all tiles
- (D) Area of floor $\div$ area of one tiles

Q32. Identify the incorrect statement:

- (A) In $2n$, the value of n is not fixed.
- (B) we can take any value of n i.e., $n = 1, 2, 3, \dots$
- (C) The value of n is different.
- (D) the value of n is fixed.

Q33. What is the perimeter of a rectangle of sides a and b ?

- (A) $2ab$
- (B) $a+b$
- (C) $a+ b+b+a$
- (D) $2a+b$

Q34. Which ratio is larger 10:21 and 21:93?

- (A) 10:21
- (B) 21:93
- (C) Both are equal.
- (D) Can't compare.

Q35. The cost of 8 kg apples is Rs. 192, find the cost of 3 kg apples.

- (A) Rs. 77
- (B) Rs. 72
- (C) Rs. 89
- (D) Rs. 58

Q36 The number of lines of symmetry in a square are

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

Q37. How many capital letters of the English alphabet have no line of symmetry?

- (A) 10
- (B) 09
- (C) 12
- (D) 07

Q38. A circle of any radius can be constructed with the help of a

- (A) Ruler
- (B) Divider
- (C) Compass
- (D) Protractor

Q39. X and Y are two distinct points in a plane. How many lines can be drawn passing through both X and Y?

- (A) Two
- (B) Zero
- (C) One
- (D) Infinite

Q40. The difference of place value and face value of 3 in 123456 is

- (A) 3003
- (B) 2997
- (C) 2992
- (D) 3007

EVS/SCIENCE

41. Deficiency of _____ causes the disease rickets .

- a. Vitamin A
- b. Vitamin B
- c. Vitamin C
- d. Vitamin D

42. _____ does not have lustre .

- a. Wood
- b. Copper
- c. Silver
- d. Gold

43. Which is male reproductive part of flower ?

- a. Sepal

- b. Stamen
- c. Petal
- d. Pistil

44. The bony part of our head is called _____.

- a. Backbone
- b. Skull
- c. Ribs
- d. Cartilage

45. _____ allows the movement of bones in only one direction.

- a. Ball and Socket joint.
- b. Hinge joint
- c. Pivot joint
- d. Fixed joint

46. _____ moves with the help of its muscular foot .

- a. Earthworm
- b. Snake
- c. Snail
- d. Fish

47. The habitat of camel is

- a. Forest
- b. Desert
- c. Mountain
- d. Garden

48. What happens when we hit our magnet with a hammer ?

- a. It gains more magnetic property.
- b. It is demagnetised .
- c. The North and South poles separate with each other .
- d. Nothing will happen .

49. If the distance between Radha' and Ria's house is 4329 m . It can be rounded to _____ km .

- a. 43
- b. 44
- c. 4
- d. 5

50. What is the most important quality to have when studying science ?

- a. Memory
- b. Curiosity
- c. Strength
- d. Patience

51. Biodiversity is

- a. The study of rocks
- b. The movement of animals
- c. The variety of plants and animals in a region
- d. The change in weather patterns

52. What type of root system does wheat have ?

- a. Tap root
- b. Fibrous root
- c. Aerial root
- d. None of above

53. Which feature of deodar trees helps them survive in mountainous regions ?
- Broad leaves
 - Thick bark
 - Conical shape and sloping branches
 - None of above
54. What is the primary function of iodine in our diet ?
- Strengthens bones
 - Improves vision
 - Prevents goitre
 - Supports digestion
55. What Is the minimum temperature a laboratory thermometer can usually measure ?
- 10 degree Celsius
 - 10 degree Celsius
 - 0 degree Celsius
 - 20 degree Celsius
56. A digital thermometer measures temperature using
- Mercury
 - Alcohol
 - Heat sensors
 - Water
57. Which of the following is not a member of our solar system ?
- Sirius
 - Asteroids
 - Comets
 - Earth
58. Which part of plant grows downward ?
- Leaf
 - Flower
 - Stem
 - Root
59. Which of these is an example of insectivorous plant ?
- Pitcher plant
 - Sunflower
 - Mango
 - Rose
60. What purpose does handpicking serve in the process of separation ?
- Filtration
 - Sorting
 - Evaporation
 - Decantation

English

61. Choose the correct form of the verb:
Either the reports or the final summary ____ to be submitted today.
- are
 - is
 - were
 - be

62. Identify the adverb in the sentence:

“The athlete barely touched the finish line.”

- (A) athlete
- (B) barely
- (C) touched
- (D) line

63. Choose the correct article:

She delivered ____ inspiring speech at the event.

- (A) a
- (B) an
- (C) the
- (D) no article

64. Choose the correct tense:

By next week, they ____ the new rules completely.

- (A) have understood
- (B) will have understood
- (C) had understood
- (D) understand

65. Select the correct preposition:

The children hid ____ the table during the game.

- (A) above
- (B) under
- (C) across
- (D) beyond

66. Identify the type of sentence:

“Do you know how difficult that task was?”

- (A) Exclamatory
- (B) Imperative
- (C) Interrogative
- (D) Declarative

67. Choose the correct conjunction:

She missed the bus ____ she reached school late.

- (A) although
- (B) because
- (C) but
- (D) and

68. Choose the correct pronoun:

Everyone must submit ____ assignments before Friday.

- (A) his
- (B) their
- (C) her
- (D) its

69. Synonym of reluctant:

- (A) willing
- (B) eager
- (C) unwilling
- (D) quick

70. Antonym of secure:

- (A) unsafe
- (B) safe

- (C) stable
- (D) strong

71. Synonym of murmur:

- (A) shout
- (B) whisper
- (C) jump
- (D) clap

72. Antonym of generous:

- (A) kind
- (B) selfish
- (C) helpful
- (D) caring

73. Choose the correctly punctuated sentence:

- (A) "Please close the door? said the teacher.
- (B) "Please close the door," said the teacher.
- (C) "Please close the door." said the teacher
- (D) Please close the door," said the teacher."

74. Identify the misspelled word:

- (A) privilege
- (B) separate
- (C) embarras
- (D) natural

75. Choose the correctly arranged sentence:

- (A) Came the announcement suddenly from the speaker.
- (B) From the speaker suddenly came the announcement.
- (C) The announcement suddenly came from the speaker.
- (D) Suddenly the speaker announcement came.

76. Choose the grammatically correct sentence:

- (A) He has written the essay yesterday.
- (B) He wrote the essay yesterday.
- (C) He has wrote the essay yesterday.
- (D) He written the essay yesterday.

77. Spot the error:

Each of the athletes have completed the race.

- (A) Each
- (B) of the
- (C) athletes
- (D) have

78. Best opening line for an informal letter about your new hobby:

- (A) I am writing this letter because I am bored.
- (B) I hope you're doing great! I can't wait to tell you about my new hobby.
- (C) You must listen to me.
- (D) Why should I even write this?

79. Best title for a paragraph on "Responsible Use of Technology":

- (A) Technology Should Be Ignored
- (B) Using Technology Without Thinking
- (C) Balancing Technology With Responsibility
- (D) Technology Always Creates Problems

80. Best concluding line for a paragraph on “Value of Perseverance”:

- (A) Perseverance is tiring, so it is better to give up early.
- (B) Perseverance rarely brings results, so I avoid it.
- (C) True success belongs to those who persist even when challenges grow harder.
- (D) Perseverance is only for strong people, not for everyone.

81. Choose the correct modal:

You ____ follow the rules while entering the library.

- (A) must
- (B) can
- (C) may
- (D) might

82. Antonym of “expand”:

- (A) increase
- (B) extend
- (C) reduce
- (D) stretch

83. Identify the adjective:

The bright stars twinkled in the clear sky.

- (A) stars
- (B) twinkled
- (C) bright
- (D) sky

84. Choose the correct indirect speech:

He said, “I am busy now.”

- (A) He said that he is busy now.
- (B) He said that he was busy then.
- (C) He said that I was busy then.
- (D) He said he will be busy later.

85. Fill in the blank:

The teacher appreciated the students ____ their hard work.

- (A) for
- (B) of
- (C) with
- (D) on

Hindi

86. रामचरितमानस की भाषा है -

- (A) हिंदी
- (B) संस्कृत
- (C) ब्रज
- (D) अवधी

87. इनमें से स्त्रीलिंग शब्द है -

- (A) फोन
- (B) चिड़िया
- (C) थैला
- (D) जूता

88. किताबों का एक वचन शब्द है -

- (A) पुस्तक
(B) एक किताब
(C) किताब
(D) पुस्तकें
- 89 लड़की तेज दौड़ती है।' में प्रयुक्त क्रिया विशेषण है-
(A) गुणवाचक
(B) संख्यावाचक
(C) संकेतवाचक
(D) रीतिवाचक
- 90 नताशा सोती है वाक्य में क्रिया है-
(A) अकर्मक
(B) सकर्मक
(C) दोनों
(D) इनमें से कोई नहीं
- 91 यह शब्द हवा का समानार्थी है -
(A) समीर
(B) अनल
(C) जलधर
(D) वारिद
- 92 'अग्रज' का विलोम होता है -
(A) अनुज
(B) बड़ा
(C) मध्यम
(D) इनमें से कोई नहीं
- 93 'केवल फल खाने वाला' वाक्यांश के लिए एक शब्द है -
(A) शाकाहारी
(B) मासाहारी
(C) दुग्धाहारी
(D) फलाहारी
- 94 'आसमान के तारे तोड़ना' का सही अर्थ है-
(A) हिम्मत हार जाना
(B) असंभव कार्य करना
(C) शाबाशी देना
(D) बेवकूफ बनना
- 95 'विस्मयादिबोधक' के लिए प्रयुक्त चिह्न है -
(A) ।
(B) ,
(C) !
(D) कोई नहीं
- 96 'कल बाजार बंद रहेगा।' वाक्य किस काल का है ?
(A) वर्तमान काल

- (B) भूत काल
(C) भविष्य काल
(D) कोई नहीं
- 97 ओं कैसी ध्वनि है -
(A) आगत
(B) अपनी
(C) देसी
(D) कोई नहीं
- 98 शिक्षार्थी का सही संधि-विच्छेद है-
(A) शिक्ष+अर्थी
(B) शिक्षा+अर्थी
(C) शी+क्षर्थी
(D) कोई नहीं
- 99 कर्ण का तद्भव है -
(A) कान
(B) काना
(C) कनक
(D) कोई नहीं
- 100 घमंड का पर्यायवाची है-
(A) गर्व
(B) अभिमान
(C) अहंकार
(D) सभी