ACHARYAKULAM SAMVAAD TEST

(For Class 8)

Question Paper At A Glance

Question Number	Subject
1 To 5	General Knowledge & Current Affairs
6 To 30	Science
31 To 60	Mathematics
60 To 65	Reasoning
66 To 90	English
91 To 100	Hindi

General Knowledge & Current Affairs

1.   Which metal can be cut with a knife ?
        (A) Silver
        (B) Zinc
        (C) Sodium
        (D) Aluminum

2.   The type of function that is visible from the EEG is that ?
        (A) Heart
        (B) Brain
        (C) Ears
        (D) Liver

3.   Where was the first case of the COVID 19 diseases identified ?
        (A) Beijing, China
        (B) Shanghai, China
        (C) Chengdu, China
        (D) Wuhan City, China

4.   Who received the best international debut in the men's category 2020 ?
        (A) Rohit Sharma
        (B) Yajuvendra Chahal
        (C) Jasprit Bumra
        (D) Mayank Agarwal

5.   Who wrote "Karmayoddha Granth" ?
        (A) Rajnath Singh
        (B) Kalyan Singh
        (C) Aditya Nath Yogi
        (D) Amit Shah

SCIENCE

6. The pressure which is exerted by air around us is known as
   (a) force
   (b) atmospheric pressure
   (c) muscular force
   (d) friction

7. The force exerted by a charged body on another char
   (a) gravitational force
   (b) electrostatic force
   (c) non-contact force
   (d) contact force

8. Two boys A and B are applying force on a block. If the block moves towards the boy A, which one of the following statements is correct?
   (a) Magnitude of force applied by A is greater than that of B.
   (b) Magnitude of force applied by A is smaller than that of B.
   (c) Net force on the block is towards B.
   (d) Magnitude of force applied by A is equal to that of B.

9. Which of the following is proper example(s) to explain that force on an object may change its shape
   (a) A ball of dough rolled into chapati
   (b) Pressing a rubber ball kept on table
   (c) Making model using clay
   (d) All of the above

10. Whenever the surfaces in contact tend to move or move with respect to each other, the force of friction comes into play
    (a) only if the objects are solid.
    (b) only if one of the two objects is liquid.
    (c) only if one of the two objects is gaseous.
    (d) irrespective of whether the objects are solid, liquid or gaseous.

11. Which of the following is responsible for wearing out of bicycle tyres?
    (a) Muscular force
    (b) Magnetic force
    (c) Frictional force
    (d) Electrostatic force

12. It is difficult to walk on an oily floor because
    (a) Floor gets spoiled
    (b) There is more resistance
    (c) Force of friction is high
    (d) Force of friction is very less

13. Spring balance is a device used for measuring the _____ acting on an object.
    (a) mass
    (b) pressure
    (c) force
    (d) None of the above

14. A matchstick struck on a matchbox catches fire easily because
    (a) Friction may cause fire
    (b) Of chemical reaction
    (c) Force heated the match stick
    (d) None of the above

15. Four children were asked to arrange forces due to rolling, static and sliding frictions in an increasing order. Their arrangements are given below. Choose the correct arrangement.
    (a) Rolling, Static, Sliding
    (b) Static, Rolling, Sliding
    (c) Rolling, sliding, static
    (d) Sliding, Static, Rolling

16. A boat or an aeroplane has a pointed or tapering front / head. Why?
    (a) To increase the friction of fluid
    (b) To reduce the friction of fluid
    (c) To look good
    (d) For no reason

17. The sole of the shoes becomes plain after wearing it for several months. The reason is
    (a) Wearing out due to friction
    (b) Wearing out due to no friction
    (c) Sole is of bad quality
    (d) None of the above

18. Sound cannot travel through
    (a) vacuum
    (b) air
    (c) water
    (d) solids

19. The number of oscillations per second is called
    (a) Amplitude of oscillation
    (b) Pitch of oscillation
    (c) Frequency of oscillation
    (d) None of the above

20. When the amplitude of vibration is large, sound produced is
    (a) No sound
    (b) feeble
    (c) loud
    (d) No relation between amplitude and sound

21. Consider the given statements and choose the incorrect one
    (a) Wood pulp is a hard but wet mass of fibre obtained from wood.
    (b)Wood pulp contains a large amount of natural polymer called glucose.
    (c) Rayon is natural fibre because it is made from glucose.
    (d) All of the Above

22. Paheli wants to know the incorrect statements, given by her teacher as home-work?
    (a) Sodium chloride prevents microbial infection in food.
    (b) Rhizobium may be called beneficial bacteria.
    (c) Vector are the agents for killing the microbes.
    (d) None of the above

23. Boojho is writing some statements, choose the correct statement and help him
    (a) Plastic is reactive material.
    (b)Thermoplastic when molded   once cannot be softened on heating.
    (c) I has no risk to wear synthetic clothes while working in the kitchen.
    (d) None of the above

24. Paheli wants to know the non-benefits about microorganisms
    (a) They can create production of alcohol by fermentation.
    (b) They can create rust of wheat.
    (c) They are caused in cleaning up of the envoirnment.
    (d) None of the above.

25. Which of the following statement is or are incorrect?
    (a) Acrylic is used for sweaters, furnishing fabrics and carpets.
    (b) Ryon is also used for making ropes for rock climbing.
    (c) Terylene is also used for making ropes for rock climbing.
    (d) Plastics are used in spacecrafts.

26. Consider the following statements and choose the incorrect one
    (a) Synthetics and plastics are biodegradable.
    (b) Acrylic is an artificial wool.
    (c) Plastics are light, strong and durable.
    (d) We should not wear synthetic cloths while cooking in the kitchen or in a laboratory.

27. In which of the following statement is or are incorrect?
    (a) Milk is turned into curd by fungi
    (b) Milk contain a sugar lactose and fructose.
    (c) Lactobacili fungi convert the lactose sugar into lactic acid.
    (d) None of the above

28. The two microorganisms which live in symbiotic association in Lichens are\
    (a) Fungus and Protozoa
    (b) Algae and Bacteria
    (c) Bacteria and Protozoa
    (d) Algae and Fungus

29. Which of the following is not a common property of plastic?
    (a) Non-reactive
    (b) Light In Weight
    (c) Durable
    (d) Good Conductor of electricity

30. Consider the following statement and choose the incorrect sentences
    (a) Protozoa are a group singled- called microorganisms
    (b) Amoeba is an example of protozoa.
    (c) Entamoeba is a protozoan which causes a disease known as malaria in humans.
    (d) Can we say that protozoan is classified as animals.

MATHEMATICS

31. **On a number line, when we add a negative integer, we**
    (a) move to the right
    (b) move to the left
    (c) do not move at all
    (d) none of these.

32. **Which of the following is true?**
    (a) $(- 8) + (- 4) > (- 8) – (- 4)$
    (b) $(- 8) + (- 4) < (- 8) – (- 4)$
    (c) $(-8) + (- 4) = (- 8) – (- 4)$
    (d) none of these.

33. **$(-1) \times (-1) \times (-1) \times (2m + 1)$ times, where m is a natural number, is equal to**
    (a) -1
    (b) 1
    (c) 1 or -1
    (d) none of these.

34. **The additive identity for integers is**
    (a) 1
    (b) -1
    (c) 0
    (d) none of these.

35. **Which of the following quadrilaterals have two pairs of adjacent sides equal and its diagonals intersected at 90 degrees?**
    (a) Square
    (b) Kite
    (c) Rhombus
    (d) Rectangle

36. **If ∠A and ∠B are two adjacent angles of a parallelogram. If ∠A = 70°, then ∠B =?**
    (a) 70°
    (b) 90°
    (c) 110°
    (d) 180°

37. **The marks in a test decreased from 40 to 30. The percentage decrease is**
    (a) 10%
    (b) 20%
    (c) 25%
    (d) 40%

38. **Which of the following is not an equivalent fraction of** 35 ?
    (a) 6/10
    (b) 9/15
    (c) 12/20
    (d) 15/24

39. **Manish worked for** 1/2 **an hour. Yash worked for** 1/4 **of an hour. For how much time did both work together?**
   (a) 1 hour
   (b) 3/4
   (c) 5/4
   (d) 3/2

40. **What is** $\frac{1}{4}$ **of** $5\frac{1}{3}$ **of ?**
   (a) 1/3
   (b) 2/3
   (c) 4/3
   (d) None of these

41. **A car runs 20 km using 1 litre of petrol. How much distance will it cover in** $1\frac{1}{4}$ **litre of petrol ?**
   (a) 25 km
   (b) 30 km
   (c) 36 km
   (d) 40 km

42. **By what fraction should be multiply** 4/5 **to get** 16/35 **?**
   (a) 4/7
   (b) 7/4
   (c) 4/5
   (d) 16/35

43. **How much less is 10 km than 30.6 km?**
   (a) 10.6 km
   (b) 20.6 km
   (c) 30.6 km
   (d) 10 km

44. **If** −7/11 = 14/? **then ? =**
   (a) 11
   (b) -11
   (c) 22
   (d) -22

45. **Which of the following is correct?**
   (a) –4/5 < – 3/10
   (b) –4/5 > – 3/10
   (c) –4/5 = – 3/10
   (d) None of these

46. **The circumference of a circle of diameter d is**
   (a) πd
   (b) $2\pi d$
   (c) $1/2 \ \pi d$
   (d) πd^2

47. **The perimeter of a square is 48 cm. Its area is**
   (a) 144 cm^2
   (b) 12 cm^2
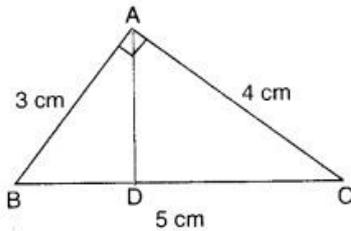   (c) 48 cm^2
   (d) 100 cm^2

48. **If we add, $7xy + 5yz - 3zx$, $4yz + 9zx - 4y$ and $-3xz + 5x - 2xy$, then the answer is:**
    (a) $5xy + 9yz + 3zx + 5x - 4y$
    (b) $5xy - 9yz + 3zx - 5x - 4y$
    (c) $5xy + 10yz + 3zx + 15x - 4y$
    (d) $5xy + 10yz + 3zx + 5x - 6y$

49. **A rectangular wire of length 40 cm and breadth 20 cm is bent in the shape of a square. The side of the square is**
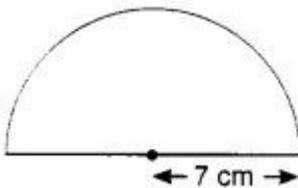   (a) 10 cm
    (b) 20 cm
    (c) 30 cm
    (d) 40 cm

50. **Find AD in the following figure :**

    (a) 3 cm
    (b) 4 cm
    (c) 5 cm
    (d) 2.4 cm

51. **The perimeter of the following figure is**

    (a) 27 cm
    (b) 28 cm
    (c) 36 cm
    (d) 40 cm

52. **What is the coefficient of x in the expression $2x + xy^2$?**
    (a) $2 + y^2$
    (b) 2
    (c) y^2
    (d) None of these

53. **Which of the following pairs of terms is a pair of unlike terms?**
    (a) $-p^2q^2, 12q^2p^2$
    (b) $41, 100$
    (c) $qp^2, 13p^2q$
    (d) $-4yx^2, -4xy^2$

54. **Add $a + b - 1, b - a + 1, 1 - 2b$**
    (a) 1
    (b) -1
    (c) 2
    (d) -2
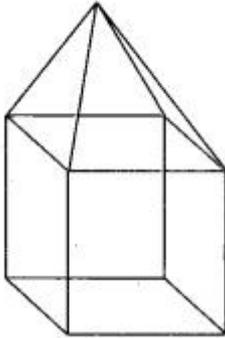
55. **What should be added to $x^2 + y^2$ to get $x^2 + y^2 + 2xy$?**
    (a) xy
    (b) 2xy
    (c) 4xy
    (d) -2xy

56. **Find the value of the expression $x^2 + 2x + 1$ for $x = -1$**
    (a) 0
    (b) 1
    (c) -1
    (d) 2

57. **The number of vertices of the solid shape is**

    (a) 9
    (b) 4
    (c) 6
    (d) 8

58. **The ratio of 6 kg to 400 g is**
    (a) 10 : 1
    (b) 15 : 1
    (c) 12 : 1
    (d) 6 : 1

59. **0.1 as per cent is**
    (a) 1%
    (b) 10%
    (c) 100%
    (d) 0.1%

60. **The angles of a triangle are in the ratio 1 : 1 : 2. What is the largest angle?**
    (a) 90°
    (b) 75°
    (c) 60°
    (d) 100°

REASONING

61	Which word does NOT belong with the others? **A.** wing **B.** fin **C.** beak **D.** rudder
62	Odometer is to mileage as compass is to **A.** speed **B.** hiking **C.** needle **D.** direction
63	Look at this series: F2, __, D8, C16, B32, ... What number should fill the blank? **A.** A16 **B.** G4 **C.** E4 **D.** E3
64	SCD, TEF, UGH, _____, WKL **A.** CMN **B.** UJI **C.** VIJ **D.** IJT
65	A, P, R, X, S and Z are sitting in a row. S and Z are in the centre. A and P are at the ends. R is sitting to the left of A. Who is to the right of P ? **A.** A **B.** X **C.** S **D.** Z

ENGLISH

66. Select the word closest in meaning to the word **Ferocious**.
    (A) Frail
    (B) Feeble
    (C) Delicate
    (D) Brutal

67. Antony of Zenith is _____.
    (A) Nadir
    (B) Important
    (C) Summit
    (D) Heaven

68. Which of the following words means 'a cure for all ills'?
    (A) Epidemic
    (B) Didactic
    (C) Panacea
    (D) Diction

69. Choose the correct meaning of the proverb / idiom: "Blows his own trumpet."
    (A) Flatters
    (B) Praises others
    (C) Admonishes others
    (D) Praises himself

70. Choose the word with the correct spelling.
    (A) Lieutenant
    (B) Lueitenant
    (C) Liautenent
    (D) Liutanent

71. Choose the word which means differently from the following group of words.
    Implicate, Involve, Accuse, Entangle, Defend, Cite
    (A) Accuse
    (B) Defend
    (C) Entangle
    (D) Implacable

72. In the following sentence identify the underlined clause.
    "The teacher told the students **that their results are quite good."**
    (A) Adjective / Relative Clause
    (B) Adverb Clause
    (C) Principal Clause
    (D) Noun Clause

73. "**Leaving behind** the dog was a difficult decision that the family had to take." The
    underlined part of the sentence is _____.
    (A) a Phrase
    (B) a Clause
    (C) the Subject
    (D) Subordinate Conjunction

74. Which of the following is the correct form of the sentence – "The more they earn, more they Spend."?
(A) The more they earn, more they spend.
(B) More they earn, the more they spend.
(C) The more they earn, the more they spend.
(D) No Improvement.

75. Rearrange the sentence with correct order labelled as PQRS. Choose the proper sequence.
 P: when a chemical substance
 Q: the food poisoning occurred
 R: in the food preparations
 S: was mistaken for salt and used
(A) RQPS
(B) SRQP
(C) QPSR
(D) PSRQ

76. Fill in the blank with the suitable preposition.
 I bought this pen _____ five rupees.
(A) in
(B) with
(C) for
(D) from

77. Fill in the blank with the correct Phrasal Verb.
 Today's meeting has been _____.
(A) called up
(B) called in
(C) called out
(D) called off

78. Identify the part which contains an error in the following sentence.
 The sea wasp **releases** a poison **that** **kill** a person **in** three minutes.
                    (A)   (B) (C)   (D)

79. Fill in the blank of the following sentence with the suitable option.
 Had you woken up earlier, you _____ seen a beautiful sunrise.
(A) would have
(B) will have
(C) would be
(D) would have being

80. Fill in the blank of the following sentence with correct Determiner.
 _____ roses in your garden are beautiful.
(A) An
(B) A
(C) No
(D) The

81. Change the following sentence into Passive form.
 How do people learn languages?
(A) How are languages learnt?
(B) How languages are learned by people?
(C) Languages are learnt by people how?
(D) How languages are learnt by people?

82. Which of the following is the past form of the verb '**Dwell**'?
    (A) Dwells
    (B) Dwelling
    (C) Dwelt
    (D) Dwole

83. Find out the correct narration of the following Direct Speech.
    He said to me, "What are you doing?"
    (A) He said to me that what he was doing.
    (B) He said to me that what I was doing.
    (C) He asked me what I was doing.
    (D) He asked me what he was doing.

84. Select the word closest in meaning to the word Cherish.
    (A) Nurture
    (B) Abandon
    (C) Discourage
    (D) Scold

85. Which word is opposite in meaning to 'Reticent'?
    (A) Silent
    (B) Quiet
    (C) Vocal
    (D) Verbose

86. The art of producing beautiful handwriting is known as:
    (A) Carnage
    (B) Calligraphy
    (C) Choreography
    (D) Anaesthesia

87. Which of the following gives the correct meaning of the given idiom:"To shed crocodile tears"
    (A) Get hysterical
    (B) Worry about the extinction of animals
    (C) Be hypocritical to shed false tears
    (D) Sincerely grieve for something

88. Choose the word with the correct spelling.
    (A) Committee
    (B) Comeitee
    (C) Commattee
    (D) Committee

89. Choose the word which means differently from the following group of words.
    Unlawful, Illicit, Prohibited, Outlawed, Banned, Sanctioned
    (A) Illicit
    (B) Outlawed
    (C) Sanctioned
    (D) Prohibited

90. In the following sentence identify the underlined clause.
    "Whose car has been stolen still remains a mystery."
    (A) Adjective / Relative Clause
    (B) Adverb Clause
    (C) Principal Clause
    (D) Noun Clause

HINDI

उचित विकल्प का चयन करें–

91. कर्मवाच्य का वाक्य है–
   A. मीरा भजन गाती है।
   B. मीरा के द्वारा भजन गाया जाता है।
   C. मीरा भजन गाती हैं।
   D. मीरा के द्वारा भजन गाया जाती है।

92. संभाव्य भविष्यत् काल का वाक्य है–
   A. शायद भारत यह मैच जीत जाए।
   B. भारत यह मैच जीत जाएगा।
   C. शायद भारत यह मैच जीती जाए।
   D. भारत यह मैच जीत ही जाएगा।

93. परिमाणवाचक क्रियाविशेषण है–
   A. कब
   B. अब
   C. कम
   D. किधर

94. दिशासूचक संबंधबोधक है–
   A. के पास
   B. के अंदर
   C. के बाद
   D. के बराबर

95. समानाधिकरण समुच्चयबोधक है–
   A. बलिक
   B. बल्क
   C. बल्कि
   D. बील्क

96. चेतावनीसूचक विस्मयादिबोधक है–
   A. हटो
   B. हाट
   C. हीट
   D. हिट

97. ‘:’ विराम चिह्न है–
   A. पूर्ण विराम
   B. उप विराम
   C. अल्प विराम
   D. अर्ध विराम

98. 'गौरी ज़रा ज़ोर से बोलती है।' –वाक्य में रेखांकित पद है–
   A. कालवाचक क्रियाविशेषण
   B. स्थानवाचक क्रियाविशेषण
   C. रीतिवाचक क्रियाविशेषण
   D. परिमाणवाचक क्रियाविशेषण

99. 'बड़ी वाली लाल पतंग सबसे ऊँची है।' –वाक्य में रेखांकित पदबंध है–
   A. संज्ञा पदबंध
   B. क्रिया पदबंध
   C. सर्वनाम पदबंध
   D. विशेषण पदबंध

100. 'घर पर सब कुशल हैं।' – का शुद्ध वाक्य है–
   A. घर मे सब कुशल हैं।
   B. घरे सब कुशल हैं।
   C. घर में सबी कुशल हैं।
   D. घर में सब कुशल है।