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PRINCE SAINIK SCHOOL

ADMISSION TEST - 2021

Date : **21 March, 2021 (Sunday)**

Time : **10:00 AM to 12:00 Noon**

1. The smallest 5 digit number is –
 - (a) 1000
 - (b) 9999
 - (c) 10000
 - (d) 100000
2. Reciprocal of $3\frac{1}{2}$ is –
 - (a) $\frac{7}{3}$
 - (b) $\frac{7}{2}$
 - (c) $\frac{2}{7}$
 - (d) $\frac{9}{2}$
3. The angle between two perpendicular lines is –
 - (a) 90°
 - (b) 45°
 - (c) 180°
 - (d) 60°
4. The radius of circle is 7 cm. its diameter is –
 - (a) 22 cm
 - (b) 14 cm
 - (c) 28 cm
 - (d) 12 cm
5. The measure of each angle of an equilateral triangle is –
 - (a) 30°
 - (b) 90°
 - (c) 60°
 - (d) 180°
6. The unit for measuring an angle is _____.
 - (a) Degree
 - (b) Celsius
 - (c) Fahrenheit
 - (d) None of these
7. 63 rounded off to the nearest ten _____.
 - (a) 70
 - (b) 65
 - (c) 60
 - (d) None of these
8. The predecessor of 86,796 is _____.
 - (a) 86795
 - (b) 86798
 - (c) 86797
 - (d) None of these
9. Perimeter of square = _____.
 - (a) 4 x side
 - (b) 6 x side
 - (c) 5 x side
 - (d) None of these
10. 1 century = _____.
 - (a) 100 years
 - (b) 50 years
 - (c) 10 years
 - (d) None of these
11. Choose whether each of the following statements is 'True' or 'False'.
 $\frac{7}{7}$ is a proper fraction.
 - (a) True
 - (b) False
 - (c) None of these
 - (d) Can't be determined
12. All the chords of a circle are of same length.
 - (a) True
 - (b) False
 - (c) None of these
 - (d) Can't be determined
13. To convert km into m, we multiply by 100.
 - (a) True
 - (b) False
 - (c) None of these
 - (d) Can't be determined
14. There are two places in the millions period.
 - (a) True
 - (b) False
 - (c) None of these
 - (d) Can't be determined
15. The H.C.F. of 26 and 27 is 1.
 - (a) True
 - (b) False
 - (c) None of these
 - (d) Can't be determined
16. Find the H.C.F. of 24 and 32.
 - (a) 6
 - (b) 12
 - (c) 8
 - (d) 20
17. Simplify:- $18 + 24 \div 6 \times 2 - 10$
 - (a) 26
 - (b) 16
 - (c) 20
 - (d) 10
18. Write 49761956 in the expanded form:-
 - (a) $40000000 + 90000 + 900 + 50 + 6$
 - (b) $40000000 + 900000 + 700000 + 60000 + 1000 + 900 + 50 + 6$
 - (c) $400000 + 900000 + 70000 + 6000 + 10 + 90 + 50 + 6$
 - (d) None of these
19. Reduce $\frac{42}{48}$ in the lowest form:-
 - (a) $\frac{8}{9}$
 - (b) $\frac{7}{9}$
 - (c) $\frac{7}{8}$
 - (d) $\frac{8}{13}$
20. Add :- 87.47 and 29.48
 - (a) 106.95
 - (b) 116.95
 - (c) 117.95
 - (d) 112.95
21. Convert 3 km 42 m into m :-
 - (a) 342 m
 - (b) 3420 m
 - (c) 3042 m
 - (d) 3004 m
22. What is the number whose 12% is 54 ?
 - (a) 550
 - (b) 430
 - (c) 420
 - (d) 450
23. Convert 9 minutes into seconds:-

- (a) 540 (b) 450
(c) 600 (d) 720
- 24.** Convert 17 days into hours:-
(a) 308 hours (b) 508 hours
(c) 438 hours (d) 408 hours
- 25.** Find the supplement of an angle of 62° :-
(a) 122° (b) 118°
(c) 128° (d) 108°
- 26.** In $\triangle ABC$, $\angle A = 65^\circ$, $\angle B = 70^\circ$. Find $\angle C = ?$
(a) 35° (b) 55°
(c) 45° (d) 50°
- 27.** Find the circumference of circle whose radius is 14 cm:
(a) 44 cm (b) 88 cm
(c) 64 cm (d) 110 cm
- 28.** Find the area of square whose side is 20 cm:-
(a) 80 cm^2 (b) 100 cm^2
(c) 200 cm^2 (d) 400 cm^2
- 29.** How many prime numbers are there between 1 to 50:-
(a) 14 (b) 15
(c) 16 (d) 13
- 30.** Add:- $\frac{5}{8} + \frac{3}{4}$
(a) $\frac{11}{4}$ (b) $\frac{11}{8}$
(c) $\frac{13}{8}$ (d) $\frac{13}{4}$

31. Read the passage and answer the following questions.

Anna and her family love doing puzzles. Anna is best at little puzzles. Anna and her brother work on medium size puzzles with cars in them. When the whole family does a puzzle, they do really big puzzles. It can take them a week to finish a really big puzzle. Last year they did a puzzle with 500 pieces ! Anna tries to finish one small puzzle a day by herself. Her puzzle has about 50 pieces. They all glue their favourite puzzles together and frame them. The puzzles look so nice on the wall. What puzzle is Anna best at?

- (a) Large puzzle (b) Little puzzle
(c) Short puzzle (d) None of these
- 32.** What puzzle does she do with her brother?
(a) medium size puzzle (b) short size puzzle
(c) large size puzzle (d) none of these
- 33.** How long does it take her family to finish a really big puzzle?
(a) a week (b) a month
(c) a day (d) none of these
- 34.** What did they do with their favourite puzzles?
(a) framed them (b) broke them
(c) lost them (d) none of these
- 35.** Write meaning of the following word, together:
(a) smell (b) paste
(c) finish (d) none of these
- 36. Fill in the blanks.**
Anna met with _____ accident recently.
(a) a (b) the
(c) an (d) none of these
- 37.** We saw _____ panda video last night
(a) a (b) the
(c) an (d) none of these
- 38. Fill in the blanks using the Past continuous form of the verbs given in brackets.**
I _____ in the library after school. (sit)
(a) was sitting (b) were sitting
(c) was sit (d) none of these
- 39.** The police _____ for the thieves. (look)
(a) was look (b) was looking
(c) were looking (d) none of these

40. Fill in the blanks.

We _____ be cruel to animals.

- (a) should not (b) must not
(c) must (d) none of these

50. The teacher told _____ that he had done a great job on the test.

- (a) Her (b) Him
(c) It (d) None of these

41. Choose the comparative forms of the adjectives.

Broad _____

- (a) Broader (b) Broadest
(c) Broad (d) None of these

42. noble _____

- (a) nobler (b) noblest
(c) noble (d) none of these

43. Choose the antonyms of the words given below

difficult - _____

- (a) easy (b) hard
(c) weak (d) none of these

44. cruel - _____

- (a) coward (b) kind
(c) destroy (d) none of these

45. Fill in the blanks with the demonstrative adjectives. (those, such, that)

_____ books belongs to Miss Lee.

- (a) those (b) that
(c) such (d) none of these

46. Pass me _____ bag please.

- (a) such (b) those
(c) that (d) none of these

47. Choose the appropriate preposition given below.

It took 20 minutes to walk _____ my house to the library.

- (a) From (b) Around
(c) On (d) None of these

48. It is so hot! We are waiting to jump _____ the pool.

- (a) Under (b) Into
(c) Through (d) None of these

49. Fill in the blanks with the correct personal pronouns:

My name is Jessica _____ am ten years old.

- (a) You (b) Him
(c) I (d) None of these

- 51.** What is used to convert water energy to electrical energy?
(a) Turbine (b) Windmill
(c) Solar cooker (d) All of these
- 52.** Which of these is a herbivore?
(a) Cat (b) Horse
(c) Dog (d) Wolf
- 53.** Which of these gases in the air is important for plants to make food?
(a) Oxygen (b) Hydrogen
(c) Argon (d) Carbon dioxide
- 54.** Water in oceans and seas is not fit for drinking because it _____.
(a) sour (b) sweet
(c) salty (d) bitter
- 55.** The planet closest to the Sun
(a) Venus (b) Mars
(c) Mercury (d) Jupiter
- 56.** Soil is formed by the breakdown of rocks is called :-
(a) soiling (b) weathering
(c) graining (d) weaving
- 57.** _____ is known as the morning star.
(a) Venus (b) Neptune
(c) Mars (d) Earth
- 58.** _____ layer protect us from harmful sunrays.
(a) Ozone (b) troposphere
(c) stratosphere (d) all of these
- 59.** Which sense organ helps you tell the difference in sizes of objects?
(a) tongue (b) ear
(c) eye (d) nose
- 60.** Which of the following substances do some fire extinguishers produce to put out flames?
(a) oxygen (b) kerosene
(c) oil (d) carbon dioxide
- 61.** The force which works against motion is:
(a) Friction (b) Newton
(c) Direction (d) Acceleration
- 62.** What is the force that makes wood immersed in water come up?
(a) muscular force (b) frictional force
(c) buoyant force (d) gravitational force
- 63.** Which of these is not found on Moon?
(a) mountain (b) sunlight
(c) lake (d) crater
- 64.** Which gas is used by plant during respiration?
(a) carbon dioxide (b) nitrogen
(c) oxygen (d) all of these
- 65.** Which are the primary consumers?
(a) plants (b) carnivores
(c) decomposers (d) herbivores
- 66.** Who issues currency in India?
(a) SBI (b) Axis Bank
(c) RBI (d) IMF
- 67.** The Earth completes one rotation in
(a) 365 days (b) 29 days
(c) 24 hours (d) 36 hours
- 68.** The imaginary line that divides the earth in two halves is called the
(a) Equator
(b) Northern hemisphere
(c) Southern hemisphere
(d) Line of cancer
- 69.** Alexander Graham Bell invented the telephone in
(a) 1876 (b) 1903
(c) 1700 (d) 1776
- 70.** Longitudes are also known as
(a) prime meridian
(b) meridians
(c) International date line
(d) Greenwich line
- 71.** India has a _____ party system.
(a) one (b) multi
(c) three (d) None of these
- 72.** In India mainly _____ cropping seasons.
(a) six (b) three
(c) ten (d) Four
- 73.** The work of making maps is called _____

- (a) art (b) cartography
(c) geography (d) Biography

74. The longest river in the world is the _____

- (a) Volga (b) Amazon
(c) Nile (d) Ganga

75. The Thar desert is located in the _____

- (a) Eastern part (b) Western part
(c) Northern plains (d) North western

76. Children's day is celebrated on:

- (a) 15 August (b) 15 November
(c) 14 November (d) 2 October

77. Gandhi Jayanti is celebrated on:

- (a) 2 October (b) 14 November
(c) 26 July (d) 15 August

78. Currency of the USA is:

- (a) Pound (b) Dinar
(c) Dollar (d) None of these

79. President of India is:

- (a) Ravi Shankar (b) Mamta Banarjee
(c) Ram Nath Kovind (d) None of the above

80. Puducherry is:

- (a) State (b) Union territory
(c) Both A and B (d) None of the above

81. What should come next in the following letter sequence?

A A B A B C A B C D A B C D E A B C D

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

82. S L U A Y J V E I O N Q G Z B D R H

What will come in place of question (?) mark in the following series :

LA UJ YI EG ?

- (a) ZH (b) IB
(c) NR (d) QH

83. How many pairs of letters in the word 'CHAIRS' have as many letters between them in the word as in the alphabet?

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

84. A B C D E F G H I J K L M N O P Q R S T U V W X Y Z. Which letter is in the middle of 13th letter from the left and 4th letter from the right?

- (a) R (b) I
(c) J (d) S

85. Grass : Erosion :: Dam : ?

- (a) Water (b) Freeze
(c) Current (d) Rain

86. Exhibit : display :: send : ?

- (a) Stamp (b) Receive
(c) Show (d) Emit

87. 583 is related to 293 in the same way as 488 is related to _____

- (a) 291 (b) 378
(c) 487 (d) 581

88. 6 : 18 :: 4 : ?

- (a) 14 (b) 6
(c) 16 (d) 12

89. If you write down all the numbers from 1 to 100, then how many times do you write 3?

- (a) 11 (b) 18
(c) 20 (d) 21

90. 7 is to 34 as 5 is to

- (a) 33 (b) 24
(c) 54 (d) 41

91. What is the product of all the numbers in the dial of a telephone ?

- (a) 1,58,480 (b) 1,59,450
(c) 1,59,480 (d) None of these

92. If '×' means '-', '÷' means '+', '-' means '÷' and '+' means '×', then $24 - 4 \div 6 \times 3 + 4 = ?$

- (a) 0 (b) 1
(c) 2 (d) 3

93. Four of the following five are alike in a certain way and so form a group. Which one does not belong to that group?

- (a) Tooth (b) Chin
(c) Nose (d) Ear

94. Choose the word which is least like the other words in a group?

- (a) Day (b) Calendar
(c) Date (d) Month

95. Find the odd one out

- (a) Flower : Petal (b) Circle : Arc
(c) Cover : Page (d) Chair : Leg

96. In the following question select the one which is different from the other three responses.

- (a) DEB (b) RTP
(c) HIF (d) NOL

97. Arrange the words given below in a meaningful sequence

**1.Presentation 2.Recommendation 3. Arrival
4.Discussion 5.Introduction**

- (a) 5, 3, 4, 1, 2 (b) 3, 5, 4, 2, 1
(c) 3, 5, 1, 4, 2 (d) 5, 3, 1, 2, 4

98. Arrange the words given below in a meaningful sequence.

**1. Poverty 2. Population 3.Death
4.Unemployment 5. Disease**

- (a) 2, 3, 4, 5, 1 (b) 3, 4, 2, 5, 1
(c) 2, 4, 1, 5, 3 (d) 1, 2, 3, 4, 5

99. Arrange the words given below in a meaningful sequence

1.Elephant 2.Cat 3.Mosquito 4.Tiger 5. Whale

- (a) 5, 3, 1, 2, 4 (b) 3, 2, 4, 1, 5
(c) 1, 3, 5, 4, 2 (d) 2, 5, 1, 4, 3

100.Arrange the given words in a meaningful sequence.

1. Flat 2. Home 3.Building 4.Society 5. Place

- (a) 5,4,3,1,2 (b) 5,4,3,2,1
(c) 4,3,1,2,5 (d) 4,5,3,1,2



Prince Sainik School Admission Test

Final Answer Key

Class - VI

Date : 21-03-2021

Que	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Ans	3	3	1	3	2	1	2	1	1	1	2	2	2	2	1	3	2	4	3	2	3	4	1	4	2
Que	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
Ans	3	2	4	2	2	2	1	1	1	4	3	1	1	2	1	1	1	1	2	1	3	1	2	3	2
Que	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Ans	1	2	4	3	3	2	1	1	3	4	1	3	3	3	4	3	3	1	1	2	2	2	2	3	2
Que	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Ans	3	1	3	3	2	2	3	1	1	1	4	2	4	3	2	4	1	2	2	3	2	3	3	2	1