

**SAHODAYA SCHOOL COMPLEX KANNUR  
TALENT SEARCH EXAMINATION 20 22-23**

Time : 120 minutes

Marks :100

*General Instructions:*

- Answer all questions
- Choose the most suitable answer and mark in the OMR Sheet.
- Each question carries one mark

1. My grand mother walks extremely slowly. The 'adverb' extremely modifies
 

(a) verb	(b) noun	(c) adverb	(d) none of them
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2. Which of the following sets of phenomena would increase, on raising the temperature?
 

(a) Diffusion , Evaporation, Compression of gases
(b) Evaporation, Compression of gases, Solubility
(c) Evaporation, Diffusion, Expansion of gases
(d) Evaporation, Solubility, Diffusion, Compression of gases
3. A rational number between  $\sqrt{2}$  and  $\sqrt{3}$  is
 

(a) $\frac{\sqrt{2}+\sqrt{3}}{2}$	(b) $\frac{\sqrt{2}-\sqrt{3}}{2}$	(c) 1.5	(d) 1.8
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4. 'Playing it my way' is the autobiography of
 

(a) Sunil Gavaskar	(b) Sachin Tendulkar	(c) Viswanathan Anand	(d) Neeraj Chopra
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5. What does the phrase 'Utopian scheme' mean?
 

(a) high thinking	(b) great Plan
(c) impracticable plan	(d) none of these
6. The inertia of an object tends to cause the object
 

(a) To increase its speed	(b) To decrease its speed
(c) To resist any change in its state of rest or motion	
(d) To decelerate due to friction	
7. If  $(2K-1, K)$  is a solution of the equation  $10x-9y=12$ , then  $K=$  \_\_\_\_\_
 

(a) 1	(b) 2	(c) 3	(d) 4
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8. In which Indian state is 'Statue of Unity' situated ?  
 (a) Maharashtra      (b) Gujarat      (c) Karnataka      (d) Uttar Pradesh
9. I would fly, if I \_\_\_\_\_ wings  
 (a) had      (b) am having      (c) has      (d) have
10. Microscopic study of tissue is  
 (a) Histology      (b) Histochemistry      (c) Molecular Biology      (d) Cytology
11. Which of the following is the greatest?  
 (a)  $7^2$       (b)  $(49)^{3/2}$       (c)  $(\frac{1}{343})^{-1/3}$       (d)  $(2401)^{-1/4}$
12. Which of the following countries does not share a land boundary with India ?  
 (a) Myanmar      (b) Bangladesh  
 (c) Bhutan      (d) Thailand
13. Choose the correct meaning of the following proverb  
 "A broken clock is right twice a day"  
 (a) A New God will appear      (b) The new era will start  
 (c) Even a person who's not smart can sometimes be correct  
 (d) None of these
14. Tincture of Iodine has antiseptic properties, this solution is made by dissolving  
 (a) Iodine in Potassium iodide      (b) Iodine in Vaseline  
 (c) Iodine in Water      (d) Iodine in alcohol
15. If  $x^{51} + 51$  is divided by  $x+1$ , the remainder is  
 (a) 0      (b) 1      (c) 49      (d) 50
16. 'National Youth Day' is observed on  
 (a) 30 th January      (b) 12th January      (c) 5th September      (d) 24th October
17. He did not \_\_\_\_\_ the test yesterday  
 (a) wrote      (b) writes      (c) write      (d) written
18. An object of mass 2kg is sliding with a constant velocity of  $4 \text{ ms}^{-1}$  on a friction less horizontal table, the force required to keep the object moving with the same velocity is  
 (a) 32 N      (b) 0 N      (c) 2 N      (d) 8 N
19. Value of  $4\sqrt{(81)^{-2}}$  is  
 (a)  $1/9$       (b)  $1/3$       (c) 9      (d)  $1/81$

20. The author of the 'God of Small Things'

- (a) Kamala Das      (b) Arundhathi Roy      (c) Indira Gandhi      (d) O.V. Usha

21. Change into reported speech

Renu said to me, "I was washing the clothes"

- (a) Renu told me she was washing the clothes  
(b) Renu told to me that she was washing the clothes  
(c) Renu told me that I was washing the clothes  
(d) Renu told me that she had been washing the clothes

22. Aerenchyma is a modification of

- (a) Parenchyma      (b) Collenchyma      (c) Sclerenchyma      (d) Epiblema

23. If A, B, C and D are four angles of a quadrilateral such that  $A = 2 < B$ ,  $<B = 2 < C$

$< C = 2 < D$ , then the value of  $< D$  is

- (a)  $36^0$       (b)  $24^0$       (c)  $30^0$       (d)  $90^0$

24. Who abolished slavery in America?

- (a) George Washington      (b) Abraham Lincoln  
(c) Thomas Jefferson      (d) George Bush

25. I \_\_\_\_\_ them since our school days

- (a) have known      (b) had known      (c) know      (d) knew

26. Dry ice is

- (a) Water in the solid state  
(b) Water in the gaseous state  
(c) Carbon dioxide in the solid state  
(d) Carbon dioxide in the gaseous state

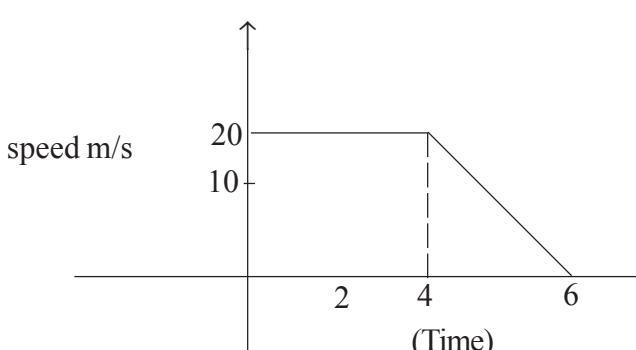
27. Two points having same abscissae but different ordinate lie on

- (a) x-axis      (b) y -axis      (c) a line parallel to y axis  
(d) a line parallel to x axis

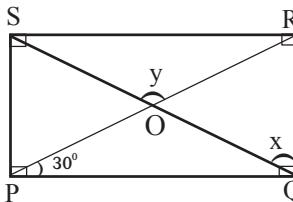
28. The Land of Rising Sun

- (a) North Korea      (b) Japan      (c) Bhutan      (d) Sweden



40. Former Japan Prime Minister who was assassinated recently?
- (a) Fumia Kishida      (b) Yoshihide Suga  
 (c) Shinzo Abe      (d) Itaru Nakamura
41. \_\_\_\_\_ you like to go with me to the prom
- (a) Could      (b) Would      (c) Shall      (d) May
42. The speed-time-graph of a body of mass 50kg is shown in the fig. Calculate the force acting on the body from 4 to 6 s
- (a) 500 N      (b) -200 N      (c) 100 N      (d) -500 N
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43. Name the first state to have its own internet service
- (a) Kerala      (b) Karnataka      (c) Maharashtra      (d) Andhrapradesh
44. The Chinese restaurant is \_\_\_\_\_ hour walk from our school
- (a) a      (b) the      (c) an      (d) none of these
45. \_\_\_\_\_ is a lateral meristem
- (a) Aerenchyma      (b) Cambium      (c) Apical Meristem      (d) Phloem
46. Find the measure of an angle if seven times its compliment is  $10^{\circ}$  less than three times its supplement
- (a)  $50^{\circ}$       (b)  $25^{\circ}$       (c)  $75^{\circ}$       (d)  $80^{\circ}$
47. The Head quarters of UNICEF
- (a) New York      (b) Paris      (c) Geneva      (d) Rome
48. The phrase "A hard nut to crack" means
- (a) an interesting problem      (b) a difficult problem  
 (c) a unique problem      (d) a simple problem



61. What is the correct formula of Aluminium Sulphate  
 (a)  $\text{Al}_2(\text{SO}_4)_3$       (b) AIS      (c)  $\text{AlSO}_4$       (d)  $\text{Al}_2\text{SO}_4$
62. If the graph of  $2x + ky = 5$  passes through the point  $(-2, 1)$ , find k  
 (a) 9      (b) -9      (c)  $3/2$       (d) 1
63. The Chief Election Commissioner of India  
 (a) Rajiv Kumar      (b) Sushil Chandra      (c) Sunil Arora      (d) None of these
64. She should be ashamed \_\_\_\_\_ her actions  
 (a) by      (b) at      (c) of      (d) in
65. Rocket works on the principle of conservation of  
 (a) Momentum      (b) Mass      (c) Velocity      (d) Energy
66. In the given fig PQRS is a rectangle. If  $\angle RPQ = 30^\circ$ , then the value of  $x+y$   
 (a)  $90^\circ$       (b)  $120^\circ$       (c)  $150^\circ$       (d)  $180^\circ$
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67. Which of the Union Ministry launched 'New Frontiers' programme as a part of Azadi Ka Amrit Mahotsav?  
 (a) Ministry of Coal      (b) Ministry of Human Resources  
 (c) The Ministry of External Affairs  
 (d) The Ministry of New and Renewable Energy
68. The simplest rationalising factor of  $3\sqrt{500}$  is  
 (a)  $\sqrt{5}$       (b) 3      (c)  $3\sqrt{5}$       (d)  $3\sqrt{2}$
69. When I was in trouble, there was \_\_\_\_\_ to help me  
 (a) any one      (b) no one      (c) some one      (d) all
70. Ribosomes are the centres of  
 (a) Lipid Synthesis      (b) Protein synthesis      (c) Secretory functions      (d) Glycogen synthesis



83. Which is the longest dam in India?
- (a) Bakranangal dam      (b) Idukki dam  
(c) Hirakkud dam      (d) Mullapperiyar dam
84. I don't agree \_\_\_\_\_ your proposal.
- (a) with      (b) for      (c) to      (d) in
85. In  $\triangle ABC$ , if  $\angle A - \angle B = 15^\circ$ ,  $\angle B - \angle C = 30^\circ$ , then the values of  $\angle A$ ,  $\angle B$  and  $\angle C$  are \_\_\_\_\_
- (a)  $\angle A=65^\circ$ ,  $\angle B=35^\circ$ ,  $\angle C=80^\circ$   
(b)  $\angle A=35^\circ$ ,  $\angle B=65^\circ$ ,  $\angle C=80^\circ$   
(c)  $\angle A=80^\circ$ ,  $\angle B=65^\circ$ ,  $\angle C=35^\circ$   
(d)  $\angle C=65^\circ$ ,  $\angle B=80^\circ$ ,  $\angle C=65^\circ$
86. In which state is Sathyamangalam Wild Life Sanctuary located ?
- (a) Telangana      (b) Kerala      (c) Jharkhand      (d) Tamilnadu
87. The doctor gave me a \_\_\_\_\_ for some medicine yesterday
- (a) note      (b) receipt      (c) prescription      (d) recipe
88. Which country won the first FIFA world Cup?
- (a) Brazil      (b) Argentina      (c) Uruguay      (d) Columbia
89. I speak English but he \_\_\_\_\_
- (a) dosen't speaks      (b) speaks  
(c) don't speak      (d) dosen't speak
90. The present Prime Minister of Srilanka
- (a) Gotabaya Rajapakse      (b) Renil Wickremsinghe  
(c) Dinesh Gunawardene      (d) None of these
91. He told me that he \_\_\_\_\_ watching the movie
- (a) had finished      (b) was finished      (c) have finished      (d) is finished
92. Which is the largest Space telescope made by NASA and European Canadian Space agencies?
- (a) Hubble space telescope      (b) James Webb Telescope  
(c) Spitzer space telescope      (d) Large binocular telescope
93. The CEO of Microsoft
- (a) Sundar Pichai      (b) Sathya Nadella      (c) Mark Zuckerberg      (d) Jeff Bezos

