



# Centre for Excellence

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ALL INDIA

## MATHS SCIENCE TALENT EXAMINATION

### CLASS IV

Total Marks: 25

Time Allowed: 30 Minutes

- Peter and Rajesh like to play cricket. Ravi and Raj like to play football. Peter and Ravi like to play basketball. Mukesh and Surya like to play basketball. Who likes to play both football and basketball?  
(A) Peter (B) Ravi  
(C) Mukesh (D) Peter & Ravi
- Badminton : Court :: ?  
(A) Hockey : Stick (B) Cricket : Bat  
(C) Skating : Rink (D) Football : Goal
- In a code language, if 'A' is 0, 'B' is 1, 'C' is 2 ....so on , then how 'DANCE' can be written in this code language?  
(A) 5 3 14 1 4 (B) 3 0 13 2 4  
(C) 5 2 15 4 6 (D) 4 1 14 3 5
- Reeta is twice as old as Sunita. Three years ago, she was three times as old as Sunita. How old is Reeta now?  
(A) 6 years (B) 7 years  
(C) 8 years (D) 12 years
- In a row of trees, one tree is fifth from either end of the row. How many trees are there in the row?  
(A) 8 (B) 9  
(C) 10 (D) 11
- A tank contained 90 ℓ 750 ml of water. 40 ℓ 630 ml more water was poured into it. Find the quantity of water in the tank.  
(A) 50 ℓ 120 ml (B) 131380 ml  
(C) 50 ℓ 12ml (D) none of these
- Manohar covered  $\frac{3}{8}$  km in the first hour and  $\frac{1}{3}$  km in the second hour. What distance did he cover in these two hours?  
(A)  $\frac{4}{24}$  km (B)  $\frac{1}{12}$  km  
(C)  $\frac{17}{24}$  km (D) none of these
- Find the area of a rectangular field which is 1 m long and 25 cm broad.

- (A)  $25 \text{ cm}^2$             (B)  $1625 \text{ cm}^2$   
(C)  $2500 \text{ cm}^2$         (D) none of these
9. What is the place value of the digit underlined in 89.043?  
(A) 100                    (B) 1000  
(C) 0                        (D) none of these
10. Schools had a Diwali vacation for 21 days from 12<sup>th</sup> October. On which date will schools reopen?  
(A) 31<sup>st</sup> October        (B) 1<sup>st</sup> November  
(C) 3<sup>rd</sup> November        (D) 2<sup>nd</sup> November
11. Sam travelled 25 km by boat, 220 km 500 m by train and 175 km 500 m by bus. How many more km did he travel by train than that by boat and bus together?  
(A) 25.450                (B) 20.00  
(C) 20.450                (D) 20.500
12. If the cost of 8 glasses is Rs.267 p. 10, the cost of 80 such glasses will be \_\_\_\_?  
(A) Rs.26 p.71            (B) Rs.267 p. 10  
(C) Rs.2671                (D) Rs.3671
13. What is the difference between the greatest four-digit number and the smallest three-digit number?  
(A) 8999                    (B) 9899  
(C) 9998                    (D) 8989
14. In Roman system, the symbol for 91 is:  
(A) XCI                    (B) LXXXXI  
(C) CMI                    (D) LCI
15. The school flag is in the rectangular shape of length 1.4 m and breadth 80 cm. Find the area (in sq meter) of the flag.  
(A) 4.4                      (B) 11200  
(C) 11.2                    (D) 1.12
16. A ball thrown up falls back due to \_\_\_\_\_ force.  
(A) gravitational        (B) electrical  
(C) magnetic              (D) nuclear
17. Hot air is \_\_\_\_\_ cold air.  
(A) lighter than        (B) heavier than  
(C) equal in weight with  
(D) none of these
18. In plants, exchange of gases takes place through \_\_\_\_\_.  
(A) bark                    (B) stomata  
(C) gill                     (D) root
19. Which plant does not provide oily seeds?  
(A) Sunflower            (B) Coffee

- (C) Groundnut      (D) all of these
20. Which process will make the salt to dissolve faster?  
(A) lumps of salt are added to cold water and it is covered.  
(B) salt powder is stirred in cold water  
(C) add salt to cold water and let it stand still  
(D) salt powder is stirred in hot water
21. Which place is better for the protection of stored grains?  
(A) cold and damp place  
(B) humid and damp place  
(C) dry and airy place  
(D) none of these
22. Our ancestors used to guess the time during the day by the help of \_\_\_\_\_.  
(A) Sun and clouds    (B) wall clocks  
(C) Sun and shadow    (D) none of these
23. Barometer measures \_\_\_\_\_.  
(A) temperature    (B) height  
(C) air pressure    (D) humidity
24. Which tree has been praised in ancient Indian scriptures as 'Kalpavriksh', which means a tree that grants whatever is asked for?  
(A) Peepal (Ficus)    (B) Mango  
(C) Coconut          (D) Banana
25. Which animal causes plague?  
(A) Cat                (B) Dog  
(C) Rat                (D) Mosquito

**ANSWERS**

<b>1</b>	B	<b>6</b>	<b>B</b>	<b>11</b>	B	<b>16</b>	A	<b>21</b>	C
<b>2</b>	C	<b>7</b>	<b>C</b>	<b>12</b>	C	<b>17</b>	A	<b>22</b>	C
<b>3</b>	B	<b>8</b>	<b>C</b>	<b>13</b>	B	<b>18</b>	B	<b>23</b>	C
<b>4</b>	D	<b>9</b>	<b>C</b>	<b>14</b>	A	<b>19</b>	B	<b>24</b>	C
<b>5</b>	B	<b>10</b>	<b>D</b>	<b>15</b>	D	<b>20</b>	D	<b>25</b>	C