



## NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION

**CLASS - 2**

**Question Paper Code : 10119**

### KEY

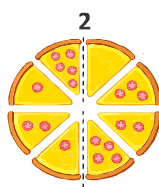
1. D	2. B	3. D	4. D	5. D	6. A	7. D	8. B	9. A	10. C
11. B	12. A	13. A	14. C	15. A	16. D	17. C	18. D	19. C	20. B
21. D	22. B	23. C	24. A	25. C	26. A	27. B	28. D	29. B	30. A
31. A	32. C	33. B	34. C	35. C	36. D	37. B	38. D	39. B	40. A
41. D	42. A	43. C	44. A	45. C	46. B	47. D	48. B	49. D	50. C

### SOLUTIONS

#### MATHEMATICS

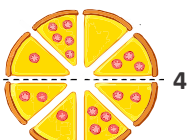
01. (D)

9 tomatoes =



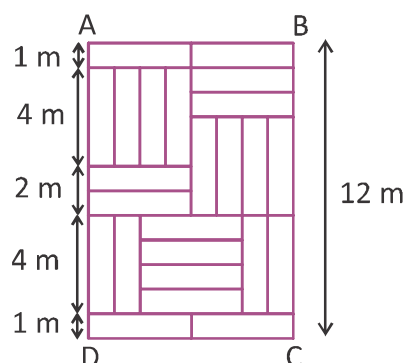
= 9 tomatoes

= 9 tomatoes

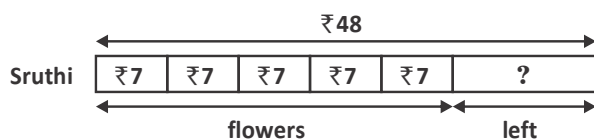


= 9 tomatoes

02. (B)



03. (D)



Cost of 5 stalks of flowers

$$5 \times ₹ 7 = ₹ 35$$

$$₹ 48 - ₹ 35 = ₹ 13$$

She had ₹ 13 left

04. (D) Mass of Object Z = 7 kg

$$3 \text{ kg} + \text{Mass of Object P} = 7 \text{ kg}$$

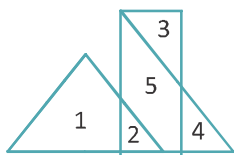
$$\text{Mass of Object P} = 7 - 3 = 4 \text{ kg}$$

05. (D) Circle numbers =  $5 + 3 = 8$

$$\text{Triangle total} = 2 \times 8 = 16$$

Triangle has 5 and ?

$$\text{So, } ? = 16 - 5 = 11$$



06. (A)

07. (D)  $7 \times 3 = 21$

08. (B) Candies left after morning =  $50 - 30 = 20$

$$\text{Sold in evening} = \text{half of } 20 = 10$$

$$\text{Candies left} = 20 - 10 = 10$$

09. (A) Total chairs at first =  $7 \times 6 = 42$

$$\text{Chairs removed} = 7 \times 2 = 14$$

$$\text{Chairs left} = 42 - 14 = 28$$

10. (C)  $(10 + 9 + 8 + 7 + 6) = 40$

$$(5 + 4 + 3 + 2 + 1) = 15$$

$$40 - 15 = 25$$

11. (B) The shape is gray and has three sides, which means it is a triangle. It is not a square, so shape B is the correct one.

12. (B) Total candies for friends =  $24 - 4 = 20$

Divide among 3 friends:  $20 \div 3 = 6$  remainder 2  $\rightarrow$  Each gets 6, 2 left over.

13. (A) Total seats = 42

Occupied at first = 26

After 3 more children get on

$$= 26 + 3 = 29$$

$$\text{Empty seats} = 42 - 29 = 13$$

14. (C) Sunil had 12 cakes.

He gave 4 cakes to his friend

$$\rightarrow 12 - 4 = 8$$

Now he has half of 12, which is 6 cakes.

$$\text{So, cakes eaten} = 8 - 6 = 2$$

15. (A)

$$12 = 2 \times \text{bee}$$

$$\text{bee} = 6$$

16. (D)  $69 + 96 = 165$

17. (C)  $8 : 15 \text{ AM} + 4 \text{ hours } 30 \text{ minutes}$   
 $= 12 : 45 \text{ pm}$

18. (D)  $852 - 421 = 431$

19. (C)  $12 : 30 + 0 : 30 = 1 : 00$

20. (B)  $7 \times 3 = 21$

### GENERAL SCIENCE

21. (D) Pepper, Clove and Cumin are used as spice.

22. (B) Spinach is the leaf part of the plant.

23. (C) Brain is protected by skull.

24. (A) Lungs are present in chest

25. (C) Joint at knee is called hinge joint.

26. (A) Elephant is the largest wild animal.

27. (B) Dog is kept in a kennel.

28. (D) Both. Walking on zebra cross and entering into the school bus in the line is a good habit.

29. (B) Creepers grow along the ground and have heavy fruits.

30. (A) Young one of buffalo is called calf and it resembles its parent. On the other hand, young one of butterfly, i.e., caterpillar and young one of frog, i.e., tadpole do not resemble their parents.

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| <p>31. (A) First aid can be given for Bone fracture.</p> <p>32. (C) Edible oil is obtained from seeds of sunflower.</p> <p>33. (B) Animal in the given passage is tiger. Tiger is the national animal of India.</p> <p>34. (C) When any of our friends get hurt, we must call an adult immediately to seek help.</p> <p>35. (C) We see shadows in the opposite direction to the source of light.</p> <p>36. (D) Caravan is a house on wheels.</p> <p>37. (B) Skull is made up of a group of bones that protects the brain.</p> <p>38. (D) Food is important as it gives us energy helps to grow and protects from disease.</p> <p>39. (B) Diamond is the hardest mineral.</p> <p>40. (A) Food we get from plants is called vegetarian food.</p> <p>41. (D) Animals move for all of these reasons to find food and water, to seek shelter, and to escape from predators or other dangers. Movement is essential for their survival.</p> | <p>42. (A) The plants in the given box are of rice and pumpkin, which are herb and creeper respectively. Coriander and watermelon show the similar relationship.</p> <p>43. (C) A wooden chair is not a seed and cannot grow into a new plant, while all others are seeds that can germinate.</p> <p>44. (A) 'X' is called joint</p> <p>45. (C) Cows are kept in sheds.</p> <p>46. (B) They produce heat and light when coal is burned.</p> <p>47. (D) Mineral's are not made by humans they can be made from rocks.</p> <p>48. (B) Brick</p> <p>49. (D) Lemon, Apple and Spinach are protective foods.</p> <p>50. (C) The combination of cereals, omelette and vegetables are treated as balanced diet/ food.</p> |
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