



# UNIFIED COUNCIL

An ISO 9001:2015 Certified Organisation



## NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION (UPDATED)

CLASS - 2

Question Paper Code : UN446

### KEY

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

### SOLUTIONS

#### MATHEMATICS

- (D) 102
- (C) 19
- (B)  $100 \times 10 = 1,000$
- (C)  $a = 9 + 3 + 5 = 17$ ,  $b = 5 + 6 + 3 = 14$
- (B)  $\frac{14}{24}$
- (D)  $5 + 4 = 9$
- (C)  $730 - 460 = 270 = 27 \times 10$
- (A)  $\star \times \star = 100 \Rightarrow \star = 10$   
 $10 + \square = 100 \Rightarrow \square = 90$
- (D)  $15 - 12 = 3$
- (C)  $8000 + 90 = 8,090$

- (C) 500
- (A)  $\frac{36}{3} = 12$
- (B) Each insect has 8 legs  
5 insects have 40 legs  
Pairs =  $40 \div 2 = 20$
- (D)  $285 \text{ m} + 145 \text{ m} = 430 \text{ m}$
- (D) Five
- (B)  $29 - 4 = 25$
- (B)  $1 : 30 - 1 \text{ hour} = 12 : 30 \text{ pm}$
- (B) Each egg cost = ₹ 4  
25 eggs cost = ₹  $4 \times 25 = ₹ 100$
- (C) ₹  $75 + ₹ 10 = ₹ 85$

20. (B)  $4 + 1 - 3 = 2 \times 4 = 8$   
21. (C) 7  
22. (C)  $AB + CD = 6 \text{ cm} + 7 \text{ cm} = 13 \text{ cm}$   
23. (B)  $13 \times 5 = 10 \times 5 + 3 \times 5$   
24. (B) Book, bag and globe  
 $= ₹ 1.50 + ₹ 2 + ₹ 3 = ₹ 6.50$   
25. (D) Two story books  $₹ 25 + ₹ 25 = ₹ 50$

### SCIENCE

26. (C) Plants get water and mineral nutrients from the soil.  
27. (D) Bread is man made from the seeds of cereals.  
28. (C) The sun gives out heat and light.  
29. (B) Igloos are the houses made of ice blocks are found in cold regions.  
30. (A) Carrot is the root part of the plant.  
31. (B) A seive shown in figure W is used to separate sand and gravel.  
32. (A) The sun produces heat and light naturally.  
33. (A) A rabbit and a panda bear are animals.  
34. (D) Snake swallows its food as a whole.  
35. (C) Water exists in three states solid, liquid and gas.  
36. (A) Increase in height shows that the sapling is growing.

37. (B) Banyan tree.  
38. (C) Globe is a model of earth.  
39. (C) Melting of ice into water is a change in the state of matter.  
40. (A) Spider has 8 legs.  
41. (A) Picture at option A represents rotation of earth.  
42. (B) Pea + cock.  
43. (D) Leather bag, belt and purse are made from the skin of crocodile, alligator and snake.  
44. (B) Tongue helps to know the taste of food.  
45. (D) Mushroom is a living thing.  
46. (C) A red cross indicates medical care.  
47. (A) Bean is a climber.  
48. (B) The water in the pot turn into watervapour a gaseous from when it is left over the campfire.  
49. (B) Lungs are the respiratory organs  
50. (C) Having an outer covering of soft body is not a characteristic feature of living things. The characteristic features of living things are :  
Living thing move, need food, grow, breathe in and out, feel, reproduce, grow old and die.

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**THE END**

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