



# UNIFIED COUNCIL

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## NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION (UPDATED)

CLASS - 2

Question Paper Code : UN444

### KEY

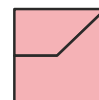
|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1. B  | 2. D  | 3. B  | 4. A  | 5. B  | 6. C  | 7. D  | 8. B  | 9. B  | 10. D |
| 11. D | 12. A | 13. C | 14. D | 15. A | 16. A | 17. D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

### SOLUTIONS

#### MATHEMATICS

- (B) 849, 850, 851
- (D) 456, 465, 546, 564, 645, 654
- (B) ₹260 + ₹300 = ₹560
- (A)  $54 + 38 = 92$
- (B)  $62 + 38 = 100$
- (C)  $5 \times 2 = 10$
- (D)  $5 \times 4 = 20$
- (B)  $9 \div 3 = 3$
- (B)  $6 \times 6 = 36$
- (D) 1267
- (D)  $41 \text{ kg} + 13 \text{ kg} = 54 \text{ kg}$
- (A)  $8 \text{ pm} - 7 \text{ pm} = 1 \text{ hour}$
- (C)  $6l + 5l + 4l = 15l$

- (D) ₹85 + ₹10 = ₹95
- (A) Circles = 10 & squares = 11
- (A)  $590 - 372 = 218$   
 $\therefore a = 9 \text{ \& } b = 3$
- (D) 60 minutes
- (D)  $2.30 \text{ pm} - 30 \text{ minutes} = 2.00 \text{ pm}$



- (A)
- (D) Milk packet mass = 2 kg + 2 kg = 3 kg  
mass of milk packet & orange juice  
= 3 kg + 1 kg = 4 kg
- (A) Circles

22. (D) ₹ 35 – ₹ 6 = ₹ 29  
23. (C) 10 + 11 + 7 + 4 = 32, 4 × 8 = 32  
24. (C) 100 m + 50 m = 150 m  
25. (D) 5 × 7 = 35 ⇒ a = 5 & b = 7  
∴ a + b = 5 + 7 = 12

### GENERAL SCIENCE

26. (C) Millepede is a living thing that responds to stimulus.  
27. (D) Coal is used in powerplants to generate electricity.  
28. (D) The correct order of germination of a seed is Q, S, R, P  
29. (B) When we need to go out in the rain, we should take an umbrella or wear a raincoat.  
30. (C) Pea plant is a climber.  
31. (C) Book, rock, sun, drum and light stand are non-living things.  
32. (C) Plants respond to their surroundings. Stems grow to wards sun light and roots towards water and some flowers turn towards sunlight but they do not have parts like sense organs.  
33. (B) Milk is used for making cheese, curd and butter.  
34. (B) Whenever we touch something very hot, we quickly pull our hands away. This is because living things can respond to changes in temperature.
35. (B) 'X' in the given figure is an orbit.  
36. (C) Frogs are formed from eggs.  
37. (C) Air enters into our body through nose → windpipe and → lungs  
38. (D) Watermelon is a creeper.  
39. (C) Rocks, soil, water, grass and trees are natural resources.  
40. (D) Cow, buffalo and goat are domestic animals. They are called mammals and they are milk giving animals.  
41. (C) Jackal feed on dead animals in the forest. Hence they are called scavengers.  
42. (A) A baby plant grows from a seed.  
43. (B) Roots are the hair like structures that grows down into the soil and fixes the plant in the soil.  
44. (B) While climbing up or coming down the stairs, we must form a queue.  
45. (B) Mosquito and leech are blood sucking animals.  
46. (B) Bear is an omnivore that eat both plants and animals.  
47. (D) A bicycle is a human powered vehicle.  
48. (D) The process of changing water into an ice is called freezing.  
49. (D) Tadpole is the baby of a frog but it looks like a fish.  
50. (B) A leaf makes food for the plant, hence it is called kitchen of the plant.

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**THE END**

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