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NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION

Paper Code: UN423 (UPDATED)

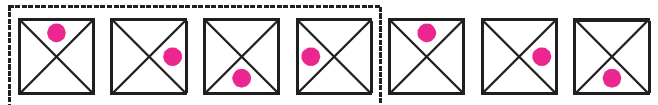
Solutions for Class : 1

Mathematics

1. (D)  → 4
2. (C) The word EIGHT has five letters.
3. (C) In option (C) ball 1 is lighter.
4. (B) The youngest child who is 3 years old stands first. So, the child in the fourth place must be the 6 year old.
5. (C) The correct descending order is 75, 63, 59, 41
6. (A) Candy 'F' is 4th from the right.
7. (B) $3 + 7 = 10$. 10 is greater than 9.
8. (D) $9 - 2 = 7$, $7 - 1 = 6$
9. (A) $15 - 8 = 7$
10. (B) $45 + 23 = 68$
11. (C) $4 - 2 = 2$
12. (D) $4 + 5 = 9$, $9 - 3 = 6$
13. (C) Shape P is a rectangle.
Option (A) contains triangle.
Option (B) contains squares.
Option (C) contains rectangles.
Option (D) contains circles.
14. (D) Option (A) : $7 + 8 = 15$ (correct)
Option (B) : $16 - 3 = 13$ (correct)
Option (C) : $19 - 5 = 14$ (correct)
Option (D) : $13 + 5 = 18$ (not 19)
15. (D) There are 15 circles.

16. (B) Vase P is 4 units tall.
Vase Q is 5 units tall.
Vase R is 5 units tall.
Vase S is 5 units tall and is the smallest.
17. (D) There are 28 and 29 days but not 30 days in february.
18. (C) At 12 O'clock both the hands overlap.
19. (A) As the glass in option (A) has less quantity, it will require more to fill.

20. (C)



21. (B) Half past 9 is 9:30.
22. (A) 15 m.
23. (C) 
24. (A) $8 \times 5 = 40$.
25. (C) The highest number on a die is 6.

General Science

26. (C) There are five living things in the boxes. Turtle, giraffe, goat, fish and plant are all living things.
27. (A) Watermelon grows on a creeper. They have no way of really propelling their shoots up into the air. Climbers have tendrils that grow first.
28. (B) Elephant, lion and tiger are wild animals.
29. (B) Nose helps us to smell the fragrance of a flower.
30. (C) Carrot is the root part of the plant.
31. (A) We can play with blocks, ball and tennis racket. It is not safe to play with sharp things like screw driver, scissors and knife.
32. (A) Igloos are made of snow blocks.
33. (C) Apple is a fruit and rice is a grain.
34. (C) Zebra is a five lettered animal with stripes over its body. Its coat pattern is painted as road crossing called as zebra crossing.
35. (B) The shape of the sun is like a circle or a round ball.
36. (C) Eating roadside uncovered food carries germs. Germs makes us ill.
37. (B) A windmill uses air to move.
38. (A)  is the symbol found on the board of clinic.
39. (B) Rabbit lives in burrows.
40. (C) 'Y' is frog. Frog can live in water as well as on land.

