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NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION - UN412

Solutions for Class : 1

Mathematics

1. **(B)** 🐚 → 8, 🐚 → 4, 🐚 → 4, 🐚 → 3

   Hence 🐚 **is more in number.**

2. **(D)** 2 Groups of 5 candles → 10 candles

   Option (A): $2 \times 5 = 10$

   Option (B): 2 fives = $2 \times 5 = 10$

   Option (C): $5 + 5 = 10$

   Option (D): $5 - 2 = 3$

3. **(B)** Option (A): → 4 flowers

   Option (B): → 5 flowers

   Option (C): → 4 flowers

   Option (D): → 3 flowers

   Hence option (B) has more than 4 flowers.
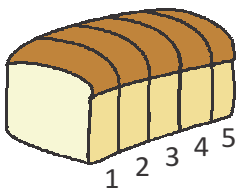
4. **(C)** 2 lady bugs → $2 \times 6 = 12$ legs

   1 spider → $1 \times 8 = 8$ legs

   Total a 20 legs

5. **(B)** **1 hour after half past 7 is half past 8.**

6. **(C)**

7. **(D)** **8, 6, 5, 3, 2** are in correct order.

8. **(C)** Option (A): 3 tens 4 ones = 34

   Option (B): 4 tens = 40

   Option (C): 1 ten 9 ones = 19

   Option (D): 2 tens 5 ones = 25

   19 is the smallest number.

9. **(C)** $9 - 1 = 8; 6 + 2 = 8$

   $5 + 3 = 8; 7 + 1 = 8$

   $10 - 2 = 8$

10. **(D)** Option (A): $10 + 10 + 50 = 70$
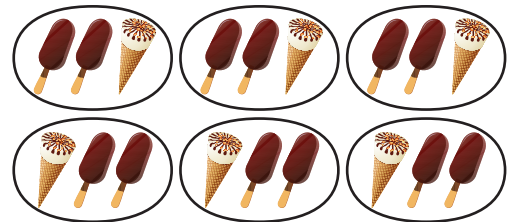
    Option (B): $10 + 10 + 10 = 30$

    Option (C): $5 + 5 + 10 = 20$

    Option (D): $100 + 50 + 50 = 200$

    Hence costliest toy is the **bus.**

11. **(C)**

    There are 3 in each group.

12. **(B)** Greatest number = 7

    Smallest number = 2

    Sum = 9

    Hence sum of the two numbers is **9.**

13. **(A)** $5 + \mathbf{12} = 17$

    Hence, 12 cupcakes are required.

14. **(D)**

    8:00   6:03   4:00   12:30
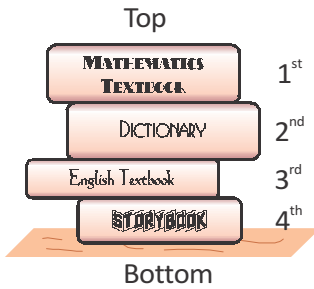
15. **(D)** ONE, TWO, SIX

    Hence there are **3 three letter words** from 0 to 9.

16. **(B)** $1 + 3 = 4$
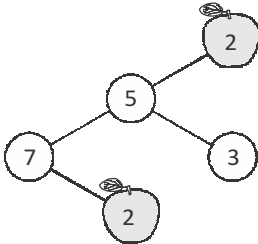
    I will be in **4th class.**

17. (D)

Top
MATHEMATICS TEXTBOOK — 1st
DICTIONARY — 2nd
English Textbook — 3rd
STORYBOOK — 4th
Bottom

18. (C) Anu is 6 ☐ tall.

Varsha is 5 ☐ tall.

Hari is 7 ☐ tall

Jyoti is 5.5 ☐ tall

Hari is the tallest.

19. (B)

Hence 🍎 **stands for 2.**

20. (B) There are 4 books in the rack.

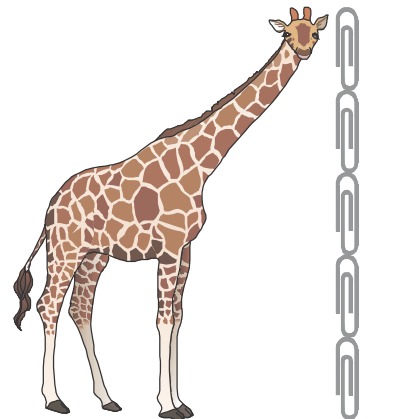**6** more are required to make 10.

21. (A) $40 + 40 = 80$
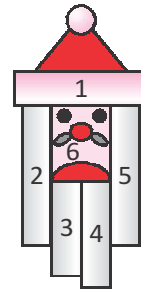
Hence Raju can buy maximum of **2 toys** of 40 each.

22. (A)

23. (C)

24. (D)

There are **6 rectangles.**

25. (C) Option (A): February → 28 or 29 days

Option (B): April → 30 days

Option (C): July → 31 days

Option (D): September → 30 days

Hence, **July** is only possible option.

General Science

26. (C) Rabbit lives in a burrow, it is called a burrowing animal.

27. (B) Windvane or a weather cock shows the direction of wind.

28. (B) Sugarcane juice can be used as a substitute for sugar to give sweet taste to the drink.

29. (C) The Kite is a non-living thing.

30. (D) A tortoise is an animal. Animals move from one place to another in search of food.

31. (C) Pomegranate fruit seeds are edible.

32. (D) A goat is a domestic animal. It gives us milk and meat.

33. (D) A rock is a non-living thing. Non-living things do not grow.

34. (D) A tomato is the fruit part of the plant.

35. (D) In the given figure a fish is present below the lilypad.

36. (B) The given sunflower plant is 8 blocks tall.

37. (A) Sour taste is experinced at part marked 'X' as in the given figure.

38. (B) A cat and rabbit have hair in the form of fur.

39. (C) A fish is an aquatic animal.

40. (B) The picture graph in 'B' option is correct.

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