



## NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION

**CLASS - 1**

**Question Paper Code : 10119**


### KEY

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

### SOLUTIONS

#### MATHEMATICS

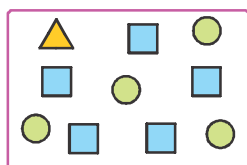
01. (B) If 7 people are in front of Leela, Leela is 8th. Manu is directly behind him → Manu is 9th. In an 11 person queue there are  $11 - 9 = 2$  people behind Max.
02. (D) Numbers in the box: 73, 75, 85, 62, 70, 12, 37, 99  
Numbers smaller than 73 are: 62, 70, 12, 37 → 4 numbers
03. (C) From  $7 - \text{Honeybee} = 4$  we get Honeybee =  $7 - 4 = 3$ .  
Then from Fish - Honeybee = 2 substitute honeybee: Fish - 3 = 2 so Fish =  $2 + 3 = 5$ .
04. (B) Before one leaves:  $3 \times 4 = 12$  cars. After one leaves:  $12 - 1 = 11$  cars left.

05. (C) 
06. (B) Picture 1  
Pineapple = 3 cubes  
So pineapple = 3 units  
Picture 2  
Pineapple + Apple = 5 cubes  
So:  $3 + \text{Apple} = 5$   
Apple =  $5 - 3 = 2$  units
07. (C) Among the given options, a water tank can hold the greatest capacity of water.

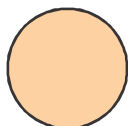
08. (B)



09. (C)



10. (C)



11. (C) Total added =  $1 + 2 + 3 + 4 = 10$ .  
Taken away = 3  $\rightarrow 10 - 3 = 7$  apples left.
12. (D) Repeated addition  $\rightarrow 2 + 2 + 2 + 2 + 2 = 10$   
This means  $2 \times 5 = 10$  fish.
13. (C) Two more than 25 is 27. The number just before 27 is 26.

14. (C)



15. (A)  $3 \times 3 = 9$ ,  $2 \times 4 = 8 \rightarrow 9 + 8 = 17$

## GENERAL SCIENCE

16. (C) Tongue helps to taste food
17. (C) Horse is a domestic animal and people ride on horse and its fast running is called gallop.
18. (D) All of these are good habits.
19. (C) Carrots are edible roots.
20. (A) We make chapaties from wheat flour.
21. (D) A chair cannot move as it is a non-living thing.
22. (A) Sun is called the big and hot glowing ball of fire.
23. (D) We can see both the moon and the stars at night.
24. (A) Living things need food to grow.
25. (B) Sun does not help to keep us cool at night which moon does.
26. (A) The moon is closer to the earth.
27. (A) Tree is a living thing which can grow big and stay alive.
28. (D) We must use a clean dry towel to wipe our body after bath.
29. (D) The size of the moon is smaller than the earth and The size of the earth is smaller than the sun.
30. (B) Flame is not a celestial body as like other three in the question.
31. (B) When we fill air in the balloon then it will increase the weight of the balloon.
32. (C) Constellations
33. (B) Water is essential for all living things to carry out life processes like digestion and growth.
34. (B) Trees
35. (B) Money plant
36. (B) Frog
37. (D) Sight
38. (C) Chair is a non-living thing.
39. (B) Burning leaves
40. (A) First Aid to minor burn is to put the burnt area immediately under cold water to cool the skin.