



**NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION (UPDATED)**

**CLASS - 2**  
**Question Paper Code : 10109**

**KEY**

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

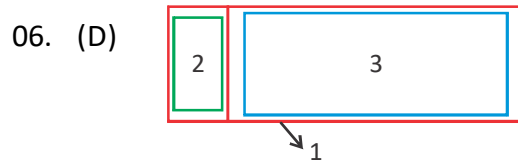
**SOLUTIONS**

**MATHEMATICS**

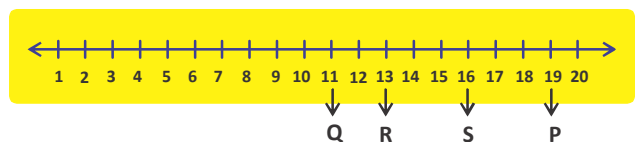
01. (C) 3 one 6 tens 2 hundreds  
= 200 + 60 + 3  
= 263
02. (D) 205 – 148 = 57
03. (A) Rs.18 < Rs.20 < Rs.25 < Rs.30  
So, the Duster is the cheapest.
04. (D) 7)458(65 → Q  

$$\begin{array}{r} 42 \\ \underline{38} \\ 35 \\ \underline{3} \rightarrow R \end{array}$$
 ∴ The required difference is Q – R  
= 65 – 3 = 62

05. (B) 10 apples weigh as much as 2 melons  
⇒ 5 apples weigh as much as 1 melon.  
∴ 25 apples weigh as much as 5 melons.



07. (B) 99 + 1 = 100 (Three digit number)
08. (D)



**GENERAL SCIENCE**

09. (B) 3 glasses of water fill a water - bottle.  
 $3 \times 4 = 12$  glasses of water can fill 4 water-bottles.
10. (C) The smallest three digit number is 100.
11. (B)  $8 \div 2 = 4$  There are 4 pairs of balloons.
12. (C) Total number of pencils = 24  
Total number of persons = 3  
(Anisha, Ravi and Sagar)

$$\begin{array}{r} 3 \overline{)24} \text{ (8)} \\ -24 \\ \hline 0 \end{array}$$

13. (C) Rs. 100 note is needed to pay for a purse of worth Rs. 75. Remaining options have less than 75 rupees. Therefore, they can not be used.
14. (B)  $7 - 4 = 3$  which checks the original additions problem.
15. (A)  $899 + 1 = 900 = 9 + 0 + 0 = 9$  (Odd)  
 $900 + 7 = 907 = 9 + 0 + 7 = 1+6 = 7$  (Odd)  
 $903 + 9 = 912 = 9 + 1 + 2 = 1+2 = 3$  (Odd)  
 $897 + 5 = 902 = 9 + 0 + 2 = 1+1 = 2$  (Even)  
 $897 + 4 = 901 = 9 + 0 + 1 = 1+0 = 1$  (Odd)  
1 calculation give the even digit sum
16. (C) A cube has flat sides and does not roll, unlike a sphere, cylinder or cone.

17. (B)



18. (C) 1 spoon = 2 cm

1 Pencil = 4 spoons

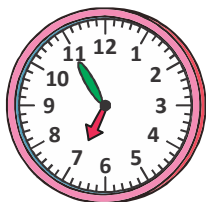
$$4 \times 2 = 8\text{cm}$$

19. (C)  $8 \times 2 = 16$

$$6 \times 4 = 24$$

$$16 + 24 = 40$$

20. (B)



6 : 55

21. (B) Leaves make food for the plant.
22. (A) We should play in the play ground and not on the road.
23. (C) Weather report shows sunny days.
24. (B) We get wool from the fleece of sheep.
25. (C) Milk keeps our bones and teeth strong.
26. (A) We get cotton fibres from cotton bolls to make cotton clothes.
27. (B) Animals move from place to place in search of food, shelter and protection.
28. (C) Hibiscus plant is a shrub.
29. (B) Coal is used as fuel in steam engines.
30. (C) Redfort is made of sand stone.
31. (C) We get sugarcane juice from the stem of sugarcane plant.
32. (A) Dog identify hidden bombs, drugs and a thief in disguise with the help of smell.
33. (B) Fish breath through gills.
34. (B) The earth takes 24 hours for one rotation.
35. (B) Skin of animals is used to make leather shoes, belts, purses and jackets.
36. (C) Woollen clothes keeps us warm during winter season.
37. (C) When the sun is above our head, the shadow formed is short.
38. (C) Neem tree flowers, fruits and seeds are used to make medicines.
39. (C) The given figure is of diamond.
40. (C) P - Thigh, Q - Knee, R - Ankle
41. (D) Basic needs of all living things is air, food, water and shelter.
42. (B) A climber coils around other stems to get support and sunlight.
43. (A) A rabbit and a panda bear are living things.
44. (D) We get leather from the skin of camel, buffalo and snake.

45. (B) The Grape plant needs a support to grow because it has weak stem and cannot grow in an erect manner on its own.help to protect it from enemies.
46. (B) Silk : Silkworm :: Wool : Sheep
47. (D) We eat the stems of ginger, potato and sugarcane.
48. (C) Plants make food with the help of sunlight.
49. (D) Dog is a carnivore.
50. (D) When we add sugar to the tea it tastes sweet.