



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

**CLASS - 2**  
**Question Paper Code : UN489**

**KEY**

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

**SOLUTIONS**

**MATHEMATICS**

01. (B) Given digits = 1, 3 & 5  
3-digit numbers = 135, 153, 315, 351, 513, 531  
Writing the numbers from greatest to smallest = 531, 513, 351, 315, 153, 135  
The third largest number = 351
02. (C) 58, 18, 88  
8 is in one's place in all the numbers.
03. (B) (A)  $71 - 18 = 53$   
(B)  $83 - 48 = 35$   
(C)  $92 - 40 = 52$   
(D)  $67 - 48 = 19$   
 $32 < 35 > 40$

04. (C) → (S)TUDENT(S)—  
(S)TUDENT(S)—(S)TUDENT(S)  
Jaya wrote letter 'S' six times.
05. (C) 'Quarter to' means it is 15 minutes before the next hour. So, the minute hand points to the 9.
06. (A) December
07. (A) ₹  $5 \times 3 = ₹ 15$   
₹  $2 \times 3 = ₹ 6$   
₹  $1 \times 3 = ₹ 3$   
₹  $15 + ₹ 6 + ₹ 3 = ₹ 24$   
Number of 5 rupee coins Rekha have = ₹ 3

08. (C) Orange + 10 < 20  
Orange value should be 1 to 9  
In option (C) for eg., if orange value is 6 then  $6 + 5 = 11$  ( $11 > 10$ ). From the options only option (C) is satisfying for the given question figure.
09. (D) Sphere
10. (C) Triangle
11. (D) No, the two pieces aren't the same size
12. (A) The odd number and less than 5 is 3.
13. (C) The total mass of 2 apples and a bunch of grapes = 940 g  
The mass of each apple = 230 g  
 $\therefore$  The mass of the bunch of grapes =  $(940 - 460)$  g = 480 g
14. (C) Capacity of 1 jug = 4 glass of water  
Capacity of 8 jugs =  $8 \times 4 = 32$  glasses
15. (B) The given figure has 4 semicircles, 1 circle and 1 square
16. (C)  $2 + 3$  is not true.
17. (A) Number of children liked the movie = 4  
Number of children who did not enjoy the movie =  $4 + 2 = 6$   
Number of children watched the movie =  $6 + 4 = 10$
18. (D)  $7 + 8 = 15$
19. (A)  $3 \heartsuit = 30$   
 $\heartsuit = 10$   
 $10 - \oplus = 6$   
 $\oplus = 10 - 6$   
 $= 4$
20. (D) Running = 5  
Swimming = 9  
9 more students like cycling than running  
 $= 5 + 9 = 14$

### GENERAL SCIENCE

21. (C) While crossing the road, a pedestrian should always use zebra crossing.
22. (D) Non-living things does not grow. Rock is a non-living thing.
- 23: (C) Frog is an insectivorous animal. It feeds on insects like grasshopper.
24. (B) Turmeric is a spice used in cooking.
25. (B) Frog lives both on land and in water.
26. (C) We should play in the play ground.
27. (D) a - 2; b - 4; c - 1; d - 3
28. (C) Our arms helps us to pick, hold, push and pull.
29. (B) Traffic signal at B option is no U turn.
30. (D) Burning of crackers and smoke from vehicles makes air polluted (dirty).
31. (B) The Sun rises in the East, hence Niharika is facing the East direction and the direction at her back will be West.
- 32: (B) Mango is a fruit. Option (A), (C) and (D) onion, potato and ginger are stem parts of the plant
33. (D) Tajmahal was built using marble.
- 34: (A) We get leather from the skin of snake.
35. (C) Air helps in moving things. Hence, we can fly kite in the air.
36. (B) The house shown in the given figure is called igloo.
37. (A) The boy in option (A) is lighting a matchstick on his own is not a safety habit.
38. (B) Bedbug cannot fly.
39. (A) We find bed in Bedroom.
40. (D) A kutcha house is a house made of mud, straw and bamboo sticks.
41. (B) A tooth have a crown,covered with enamel and fixed to the gum with root.
42. (D) We cook food to make it tastier to kill germs and to make it tasty.
43. (C) Sprouts are body building foods.

44. (C) Shrubs have woody stem.
45. (A) Butter is made from milk of animals like cow and buffalo. Honey and wax are obtained from honey bees. Omellete is made from eggs.
46. (C) P - III; Q - V; R - IV; S - II; T - I
47. (C) Winter season
48. (C) Butter is an animal product. It is obtained from cow, buffalo, etc.
49. (A) Birds breathe through the nose on their beaks.
50. (B) A flower grows into a fruit.

=====*The End*=====