



NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION (UPDATED)

CLASS - 1
Question Paper Code : UN499

KEY

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

SOLUTIONS

MATHEMATICS

01. (A) Elephant is 3rd from left.



02. (A) Cup in option (A) holds 5 cups of water.



03. (D) The number name of 090 is ninety.
Note: The zero on the left side of a number does not have any value.

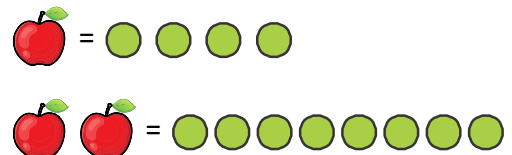
04. (C) Option (A): 3 tens 4 ones = 34
Option (B): 4 tens = 40

Option (C): 1 ten 9 ones = 19
Option (D): 2 tens 5 ones = 25
19 is the smallest number.



05. (B)


06. (B)



To balance $B = 8 \text{ (green circle)} - 3 \text{ (green circle)} = 5 \text{ (green circle)}$

07. (C)

Option (A) : $20 + 45 = 65$ ()
Option (B) : $45 - 20 = 25$ ()
Option (C) : $45 - 25 = 20$ ()

08. (A) Eraser = 6 rupees
Pencil = 13 rupees
Total = 6 + 13 = 19 rupees
09. (C) B = 6 units ; D = 5 units
Total 6 + 5 = 11 units
10. (A) The time shown on the given clock is
Half past 3.
11. (B) 2 tens 2 ones + 1 ten 8 ones
= 22 + 18 = 40
12. (B) 12 – 12 = 0
13. (D) 16 + 26 + 36 = 78 balls
14. (A) 
15. (B) 3rd, 11th, 6th, 2nd

GENERAL SCIENCE

16. (D) Tree and frog are living things, hence they can reproduce while Moon is a non-living thing, hence it cannot reproduce.
17. (C) In the given figure, part X of plant represents a thorn. It protects the plant from being eaten by animals.
18. (D) Lion is a wild animal.
19. (D) Skin is a sense organ which helps us to feel hot or cold. Hence, the boy is using the skin of his hands to feel the warmth of the fire.
20. (A) The object shown in the given picture is a parachute. Air helps a parachute to land smoothly.
21. (C) The correct matching is : a - 3; b - 1; c - 2
22. (B) Squirrel and coconut tree are living things while robot is a non-living thing.
23. (C) A sailboat needs water to float on and uses air to move it and take it further.
24. (B) Food items shown in options (A), (B) and (C) are pumpkin, butter and carrot respectively. Butter is obtained from milk of animals while pumpkin and carrot are obtained from plants.
25. (D) The animal shown in the given picture is a frog. It eats insects.

26. (C) Banyan and coconut plants are trees, money plant is a climber and rose plant is a shrub.
27. (C) We use zebra crossing for crossing the road.
Swimming tube is used while swimming whereas we use helmet while driving a 2 wheeler vehicle.
28. (B) On heating, water changes into gas, which is also known as water vapour or steam.
29. (A) Baby of a goat is called a kid. Lamb, calf and joey are babies of sheep, cow and kangaroo respectively.
30. (B) When the moon looks like a round ball it is called a full moon.
31. (A) The Sun appears to rise in the East and sets in the West.
32. (A) The girl in the given picture is walking safely on the sides of the road, i.e., footpath.
33. (C) In option (A), bear, pig and sparrow eat both plants and animals. In option (B), frog, snake and eagle are animal-eaters. In option (D), cow, goat and buffalo are plant-eaters. In option (C), lion and tiger are animal-eaters while giraffe is a plant-eater.
34. (C) Options (A), (B) and (C) show bedroom, bathroom and kitchen respectively. Food is cooked in the kitchen room.
35. (B) According to the description given in the paragraph, the object mentioned does not have light of its own, is round and changes its shape all the time, hence it is the Moon.
36. (B) Carrot is obtained as root of the plant.
37. (D) All the given statements are correct about living things.
38. (D) All the given things are found in a first-aid box.
39. (B) Pumpkin is obtained from a creeper.
40. (A) The correct matching is :
P-(ii), Q-(i), R-(iv), S-(iii)