



UNIFIED COUNCIL

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NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION (UPDATED)

CLASS - 2

Question Paper Code : **UN464**

KEY

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

EXPLANATIONS

MATHEMATICS

01. (A) $5 + 5 + 5 + 5$

02. (B) $39 + 29 = 68$

03. (C) Television show will start 60 minutes later

Given time on the clock is 8:30

Show starts 60 minutes later i.e., $8:30 + 60 \text{ min}$

1 hr \rightarrow 60 min

$8:30 + 1 \text{ hr} = 9:30$

04. (D) $8 + 6 = 14$ (not) 16

05. (D) 13 is the smallest 2-digit number

06. (B) Amount spent on each skirt = ₹ 200

Cost of 4 pairs of skirts = 200×4
 $= ₹ 800$

07. (D) Cat goes up each time = 3 steps

Rabbit goes down each time = 2 steps

Cat = 1 to 3 next 3 to 6

Rabbit = 10 to 8 next 8 to 6

So, they meet at 6th step

08. (A) $33 - 16 = 17$ (guavas)

$17 - 16 = 1$

09. (B) Number of people in the queue = 11
10. (B) 350 g
11. (B) Total number of parrots = 15
Given that each group contain = 5 parrots
Number of groups can be made from 15 parrots
 $15 \div 5 = 3$ groups
12. (B) Length of pencil 'Q' has the same length as pencil T
13. (B) Given 7 tens, 7 hundreds and 7 ones
7 hundreds + 7 tens + 7 ones
 $7 \times 100 + 7 \times 10 + 7 \times 1$
 $= 700 + 70 + 7 = 777$
14. (B) Tinku put pencil box in group Q
15. (C) $11 + 5 = 16$
 $16 \div 2 = 8$
 $\Rightarrow 11 - 8 = 3$

GENERAL SCIENCE

16. (B) Clock (B) does not show the time between 10:00 and 12:00
17. (C) Given $125 + 225 + 225 + 125 = \underline{\quad} \times 100$
 $350 + 350 = \underline{\quad} \times 100$
 $700 = 7 \times 100$
18. (B) Cost of 3 flowers = ₹ 10
Cost of 12 flowers = ?
4 groups of 3 flowers = 4×3 flowers
 $4 \times ₹ 10 = ₹ 40$
19. (A) Option (A) matches the given pattern
20. (A) Container 'Q' has the least amount of water
21. (B) Radha wished to have a pet.
22. (C) Harry believes that a pet is a good friend.
23. (B) A pet teaches us to respect all living beings.
24. (B) We get silk fibre from silkworm. Silk fibre is used to silk clothes.
25. (A) We get leather from the skin of snake.
26. (D) Non-living things does not grow. Rock is a non-living thing.
27. (B) A flower grows into a fruit.
28. (C) Frog is an insectivorous animal. It feeds on insects like grasshopper.
29. (B) Mango is a fruit. Option (A), (C) and (D) onion, potato and ginger are stem parts of the plant
30. (D) Tina is listening to her favourite songs. Ears are used for hearing.
31. (A) Moon is much closer to the earth than the sun and stars.
32. (B, C) Strawberry plant is considered as creeper as run parallel to the ground and develops new shoots and roots at nodes.
33. (D) Squirrel (nibbles) bites its food in small bits.
34. (C) Caravans are mobile or movable houses.
35. (D) Tiger is a flesh eating animal.
36. (B) The figure shows rotation of the earth.
37. (C) Eskimos live in Igloos.
38. (A) Weather cock show wind direction.
39. (C) We see sunrise with our eyes.
40. (B) In the given picture tyre and rope are non-living things.
41. (D) Cat is a predator.
42. (D) We can feel air, it moves things and gives shape to things.
43. (A) Seeds germinate and grow into new plants.
44. (A) The next phase of moon in the given picture is Full moon.
45. (B) A tooth have a crown,covered with enamel and fixed to the gum with root.
46. (C) A burnol is applied on the skin after a burn.
47. (B) Changes in seasons are caused by the revolution of the earth around the sun.
48. (A) Coconut is the seed part of the plant.
49. (D) The leaves make food for the plant due to the presence of green colour pigment called chlorophyll. It has tiny openings through which it exchange gases.
50. (C) Symbol shown at option (C) indicates hospital symbol.