



**NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION**

**CLASS - 2**  
**Question Paper Code : UN484**

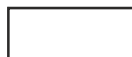
**KEY**

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

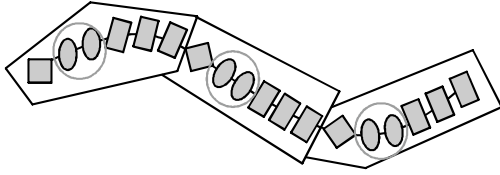
**SOLUTIONS**

**MATHEMATICS**

01. (A) For one digit to be twice the other, only a given set of numbers satisfy this condition. They are (1, 2), (2, 4), (3, 6) and (4, 8)  
From the above set of numbers, only eight numbers can be formed which are given below  
12, 21, 24, 42, 36, 63, 48 and 84  
Thus the answer to the question is 8
02. (C) Length of 1 fork = 15 cm  
Length of 3 forks =  $15 \times 3 = 45$  cm  
Length of 5 spoons = 45 cm  
Length of 1 spoon =  $45 \div 5 = 9$  cm
03. (A) 49 is greater than 32

04. (B) Given  $42 - \odot = \star$   
 $\odot + \star = 42$   
 $18 + 24 = 42$
05. (B) 29<sup>th</sup> February
06. (D) All the above
07. (A) No. of pizzas = 12  
No. of pizzas on each tray = 4  
No. of trays he needs =  $12 \div 4 = 3$
08. (C) Two sides are short, two sides are long  

09. (A) 'D' is the letter which has both straight and curved line.

10. (B)



11. (B) Sunny and Dev shared 1 pumpkin equally.

i.e., each boy get  $\frac{1}{2}$  each

12. (B) Weight of 2 apples + 100 g = 800 g

Weight of 2 apples = 700 g

Weight of 1 apple =  $700 \text{ g} \div 2$

= 350 g

13. (A) Total cost = ₹ 50

Cost of a bag is ₹ 10 more than a cap

Cap = ₹ 20      Bag = ₹ 30

14. (D)  $A = 2B$

$C = 3B$

$A + C = 2B + 3B$

$A + C = 5B$

15. (D)  $8 + 3 = 11$

$11 + 3 = 14$

$14 + 3 = 17$

16. (A) From the given solids option (A): Box do not have any curved faces.

17. (B)  $2B \div 9$

(A)  $25 \div 9$  ( )

(B)  $27 \div 9$  ( )

(C)  $28 \div 9$  ( )

(D)  $24 \div 9$  ( )

18. (D) (A)  $8 \times 5 = 5 \times 8$

$40 = 40$

(B)  $8 \times 7 = 9 \times 7$

$56 = 63$

(C)  $8 \times 6 = 6 \times 8$

$48 = 48$

(D) Both (A) & (C)

19. (B) Rithik = ₹ 50 + ₹ 20 + ₹ 100

= ₹ 170

Kriti = ₹ 100 + ₹ 50

= ₹ 150

Kiara = ₹ 20 + ₹ 100 + ₹ 100

= ₹ 220

20. (A) 6 sevens =  $6 \times 7$

### GENERAL SCIENCE

21. (D) Candle, torch, lamp post, bonfire and Sun are objects that give off their own light. Clock, pencil and teddy bear do not give their own light.

22. (B) Picture in B is kitchen. Reetu is helping her mother in cooking.

23. (C) At 1:00 pm the position of the Sun is above our head hence the shadow form is short.

24. (C) The seed of a fruit grow into a new plant.

25. (D) The given sign shows that hospital ahead and no horn.

26. (C) The given structure is rib cage it protects lungs.

27. (D) Picture in option (D) shows the correct posture.

28. (C) We get cheese, honey, ghee and butter from animals.

29. (C) Grasshopper that eat leaves of plants is a plant eating animal.

30. (C) Camel is called as ship of the desert.

31. (D) We use water for washing, bathing and cooking.

32. (C) Both Abhi and Anu made right statement.

33. (B) Tent is a temporary house made to stay in the forest camp.

34. (B) Symbol at option 'D' shows the speed breaker ahead.

35. (A) Fruits and vegetables are rich in vitamins and minerals they are called protective foods.

36. (A) The monument shown in the given figure is of Red fort. It is made up of Sandstone.
37. (A) Moon change its shape everyday. It is the closest neighbour to our earth.
38. (C) Coal.
39. (A) In areas where snowfall is common, houses are built with sloping roofs so that snow slides off easily.
40. (B) Cotton is a shrub plant.
41. (D) The clothes shown in the given picture are made up of wool fibre that is obtained from hair of animals like sheep, rabbit, yak, goat, etc.
42. (B) A houseboat is made up of wood.
43. (D) Bread is made of flour which we get from wheat plant. Jam is made from fruits of plants. Oil is obtained from seeds of plants.
44. (B) In the given classification chart, group P consists of external organs whereas group Q consists of internal organs. Hands are external organs that can be placed at X. Kidneys are internal organs and can be placed at Y.
45. (B) As Grapevine are climbers and their weak stem needs the support.
46. (B) Fruits are produced from flowers.
47. (C) Brain helps us to think.
48. (A) Clove oil is obtained from the flower bud of clove. Clove oil works as a medicine for toothaches.
49. (A) Parrot is kept in a cage as a pet. It live on tree.
50. (B) Priya can find out what Riya was wearing with the help of her sense of sight, i.e., her eyes.

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*The End*  
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