



NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION (UPDATED)

CLASS - 3
Question Paper Code : 1P104

KEY

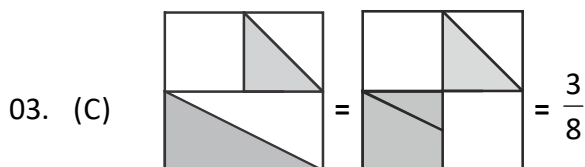
1. B	2. D	3. C	4. A	5. C	6. C	7. D	8. A	9. C	10. A
11. D	12. C	13. A	14. B	15. C	16. C	17. B	18. C	19. B	20. B
21. C	22. A	23. B	24. D	25. A	26. B	27. C	28. C	29. B	30. Del
31. A	32. B	33. B	34. C	35. B	36. A	37. C	38. A	39. B	40. A
41. C	42. B	43. A	44. B	45. C	46. D	47. D	48. A	49. C	50. B
51. C	52. D	53. C	54. D	55. C	56. C	57. D	58. C	59. D	60. D

SOLUTIONS

MATHEMATICS

01. (B) $25 \div 5 = 5$
 $5 \times 2 = 10$

02. (D) $2017 + 2 + 0 + 1 + 7 = 2027$



04. (A) Ali ribbon is 27 cm long, so after cutting it 5 cm shorter, it becomes 22 cm.

05. (C) 3128, 3130, 3132 are even numbers between 3126 and 3134

06. (C) 1 kg = 1000 g
 $3 \times 300 \text{ g} = 900 \text{ g} \neq 1000 \text{ g}$

07. (D)

$$\begin{array}{r} A \ B \ C \\ - \ B \ C \ A \\ \hline A \ B \end{array}$$

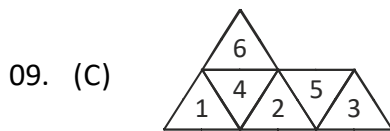
$C - A = B, C = A + B$

C cannot be 2 digit number and A & B should be two consecutive numbers. A should be greater than B, C must be less than 10.

$5 + 4 = 9$

$$\begin{array}{r} 5 \ 4 \ 9 \\ - 4 \ 9 \ 5 \\ \hline 5 \ 4 \end{array}$$

08. (A) $120 \div 2 = 60 = 6 \text{ tens}$



10. (A) $60 \text{ seconds} = 1 \text{ minute}$
 $125 \text{ seconds} = 125 \div 60$
 $= 2 \text{ minutes } 5 \text{ seconds}$

11. (D) $6 \times 8 = 48$
 $4 \times 3 + 4 \times 9 = 4(3 + 9)$
 $= 4 \times 12 = 48$

12. (C) $12 \div 7 = 1 \text{ R } 5$

13. (A) $2178 + 1965 = 4143$ (4 appears twice)

14. (B) Option (A) : 1 month = Rs. 10
 Option (B) : 1 month = Rs. 8.6
 Option (C) : 1 month = Rs. 9
 Option (D) : 1 month = Rs. 10
 Among all options, option (B) is the cheapest price.

15. (C) $A = 300 \text{ g}$, $B = \frac{300 \text{ g}}{3} = 100 \text{ g}$

16. (C) There are 100 tens in one thousand and 10 tens in one hundred. Therefore, the number of tens less than one thousand is $100 - 10 = 90$

17. (B) 45637
 The digit 5 should place after 4 to make it five digit small possible number.

18. (C) $16 \times 5 = 80$
 $16 \times 7 = 112$
 $16 \times 6 = 96$
 $16 \times 4 = 64$

19. (B) $\frac{3}{6} > \frac{1}{6}$

20. (B) Amount before going shopping = Rs. 40
 Amount after shopping = Rs. 13
 \therefore Amount spent = Rs. $(40 - 13) = \text{Rs. } 27$
 $= \text{Rs. } 12 + \text{Rs. } 15$
 \therefore Things bought are sketch pens and play dough

21. (C) 1 litre = 1000 millilitres
 So the bottle is exactly full

22. (A) 11 hrs 11 min after 11:11 p.m. is 10: 22 a.m.

23. (B) Total biscuit = 500
 Biscuits eat everyday = 10

\therefore Number of days, it last = $\frac{500}{10} = 50$

24. (D)
$$\begin{array}{r} 477 \\ + 443 \\ \hline 920 \end{array}$$

25. (A) Except option (A) remaining numbers will not found in 13 time table
 Option (B) : $13 \times 4 = 52$
 Option (C) : $13 \times 6 = 78$
 Option (D) : $13 \times 5 = 65$

GENERAL SCIENCE

26. (B) We eat the root of turnip, carrot, radish, sweet potato and beetroot whereas we eat stem of potato and ginger.

27. (C) A red cross symbol denotes first aid.

28. (C) A woodpecker belongs to group R. Its beak helps to pull out insects from holes on tree trunks.

29. (B) Soil contains water which on heating evaporates and condenses on the inside of the lid.

30. (Delete)

31. (A) Reproduction is common to all living things.

32. (B) Ice feels cold because it absorbs heat from your hand, making your hand feel cooler.

33. (B) The water on boiling will turn into a gas.

34. (C) Heart is a part of circulatory system.

35. (B) When an ice cube melts, its state of matter changes from a solid to a liquid.

36. (A) Carrot is the root part of the plant.

37. (C) Lungs and heart are protected by the ribcage.

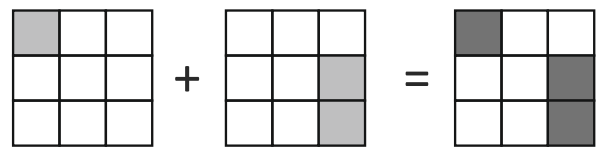
38. (A) Growing and reproducing occur in both animals and plants.
39. (B) Leaf make food for the plant hence they are called kitchen of the plant.
40. (A) Clay is used to make pots.
41. (C) Fruits and Vegetables are rich in vitamins and minerals help a student to stay healthy.
42. (B) Traffic symbol in Option (B) indicates zebra crossing.
43. (A) Thermometer is used to know the temperature of the body.
44. (B) Kidneys are parts of excretory system.
45. (C) Digestion ends in small intestine
46. (D) Crawl low to the ground because smoke rises. Then choose the safest exit.
47. (D) The Moon reflects the light from the sun.
48. (A) Cotton fibres are used to make cotton clothes that are suitable to wear in month of May.
49. (C) We get wool fibre from the fleece of sheep.
50. (B) Steam is gaseous form of water.
51. (C) Skeletal system comprises of bones. It gives shape and support to the body.
52. (D) Cow, buffalo, goat and milk are domestic animals, they give us milk. Mammals are milk giving animals.
53. (C) Pineapple is edible fruit and castor is inedible fruit.

54. (D) Light coloured, cotton and linen clothes
55. (C) Sun and stars give out their own light.

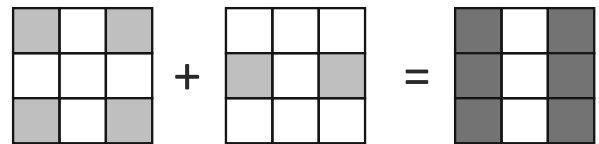
CRITICAL THINKING

56. (C) Mango + Orange = Papaya
(from statement 1)
- 2 Mango + 2 Orange = 14
(from statement 2)
- Mango + Orange = 7
i.e., Papaya = 7
- 3 papaya = $3 \times 7 = 21$ (statement 3)
57. (D) The match
- No matter what else you have available (candle, oil heater or stove). The first thing you need to light is the match to ignite any other item. The match must be light first before you can use it to light anything else.

58. (C)



(By adding 1st row 1st square an 1st square)



59. (D) Two Zero Two Six can be written as 2, 0, 2, 6
60. (D)

The End
