nstse

Test • Assess • Achieve

NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION (UPDATED)

CLASS - 2
Question Paper Code : UN470

KEY

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

SOLUTIONS

MATHEMATICS

01. (A) Set P have 3 odd numbers and 3 even numbers

02. (A) 8 – 3 = 5 m

03. (D) Given digits = 5, 0 and 8
Smallest two digit even number = 50

04. (B) Number of coins with Ritesh has
Two ₹ 2 coins = ₹ 2 × 2 = ₹ 4
Three ₹ 5 coins = ₹ 5 × 3 = ₹ 15
Four 50 p coins = 50 p × 4 = 200 p = ₹ 2
= ₹ 4 + ₹ 15 + ₹ 2 = ₹ 21

05. (B) We know that, for 1 round → 60 minutes
for 4 rounds → ?
60 × 4 = 240 min

06. (B) Number of cakes made by Honey = 3
Number of cakes made by Nissi = 3 + 4 = 7
Number of cakes made by Juhi = 7 + 7 = 14
Juhi put 2 cakes on each plate = 14 ÷ 2 = 7
Number of plates of cakes = 7 plates

07. (C) 1 △ ⟶ 4 sweets
8 △ ⟶ 8 × 4
= 32 sweets

08. (B) 67 + 3 = 70
70 – 8 = 62

09. (D) Option (D) is in correct descending order
i.e., 77, 61, 59, 51

10.	(D)	3 bowls of liquid can fill a glass

10. (D)
3 bowls of liquid can fill a glass

6 glasses of liquid can fill a jug

Number of bowls required to fill a jug = ?

1 glass = 3 bowls

6 glasses = 6 × 3 = 18 bowls

18 bowls of liquid can fill a jug

11. (C)
6 tens 8 ones + (?) tens 1 one = 99

68 + (?) tens 1 one = 99

(?) ten 1 one = 99 − 68 = 31

68 + 31 = 99

99 = 99

12. (A)
8 × ☺ = 8 × ☹ + 8

8 × 8 = 8 × 7 + 8

64 = 56 + 8

64 = 64

13. (D)
Correct time is 6:30

Clock 'D' shows 30 minutes slow
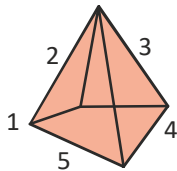
14. (C)

15. (C)
Number of children can sit in 1 car = 6

Number of children can sit in 1 jeep = 6

Number of children can sit in 6 cars = 6 × 6 = 36

6 cars + 1 jeep = 36 + 6 = 42 children

16. (B)
Number of children = 6

Number sheets of stickers = 18

Number sheets of stickers to each child get = 18 ÷ 6 = 3 sheets

17. (A)
Mass of Anish = 55 kg

Mass of Madhu = 55 kg − 5 kg = 50 kg

Mass of Bhavesh = 55 kg + 5 kg = 60 kg

Total mass = 55 kg + 50 kg + 60 kg = 165 kg

18. (C)
P + R = S

122 + 251 = 373

19. (C)
Number of groups of 3 cups = 24 ÷ 3 = 8

Cost of 1 group of 3 cups = ₹ 18

Cost of 8 groups of 3 cups = 8 × ₹ 18 = ₹ 144

Amount to be paid for 24 cups = ₹ 144

20. (A)
Sum of 379 + 149 = 528

$$3) \overline{528} (176$$
$$\underline{-3}$$
$$2\ 2$$
$$\underline{-2\ 1}$$
$$1\ 8$$
$$\underline{-1\ 8}$$
$$0$$

GENERAL SCIENCE

21. (B) The given tree is Banyan tree.

22. (C) Cow is a domestic animal.

23. (B) Rose plant is a shurb.

24. (B) Potato is the stem part of the plant.

25. (B) Frog and lizard eat insects.

26. (B) Cabbage is the leaf part of the plant.

27. (C) Brain helps us to think.

28. (C) Watermelon is a creeper.

29. (B) 'X' in the given figure is earth.

30. (C) The boy show in the given figure is eskimo, he lives in igloo.

31. (A) Silk and wool are animal fibres.

32. (D) Chalk is the soft rock used by a teacher to write on the black board.

33. (A) A shadow is caused when light being blocked by an object.

34. (D) Fruits and vegetables are rich in vitamins and minerals that protects our body from diseases and helps us to healthy.

35. (C) Our skin helps us to feel things.

36. (D) We have five sense organs.

37. (A) Coconut is the seed part of the plant.

38. (C) Zebra's coat pattern is found at zebra crossing.

39. (C) Seeds germinate and develop into a new plant.

40. (B) We use jute to make bags, cotton to make towel and sugar from sugar cane.

41: (C) Honeybees, butterflies and beetles suck nectar from flowers.

42: (C) Carrot, radish, and beetroot have thick and swollen roots because they have food stored in them.

43: (D) The given worm coils as a result of response to stimulus.

44. (D) Stomach is a part of digestive system.

45. (B) A flower becomes a fruit.

46. (B) The sun gives out heat and light.

47. (A) Weather vane shows wind direction.

48. (B) The given description is of tooth.

49. (A) Earth is the third planet from the sun.

50. (C) Rat, rabbit and squirrel bite their food into small bits.

═══ *The End* ═══