



UNIFIED COUNCIL

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NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION (UPDATED)

CLASS - 3

Question Paper Code : **UN449**

KEY

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

SOLUTIONS

MATHEMATICS

- (D) $569 \times 10 = 5,690$
- (C) $1,00,000 - 9,999 = 90,001$
- (B) Each burger costs = ₹ 50
Each cake costs = ₹ 100
Each ice cream costs = ₹ 80
- (D) $2,056 + 9,058 - 8,085 = 3,029$
- (C) Total members = $8 + 3(8) = 8 + 24 = 32$
- (B) $240 \times 138 = 33,120$
- (D) ₹ $24 \div 8$

- (A) Cost of one transistor = $\frac{₹ 1830}{6} = ₹ 305$
Cost of two transistors = ₹ $305 \times 2 = ₹ 610$
- (A) $\frac{6}{8} = \frac{3}{4}$
- (B) $\frac{15}{17} - \frac{11}{17} = \frac{4}{17}$
- (C) $7) 97 (13$
 $\underline{91}$
6
13 weeks 6 days

12. (D) $\frac{4}{11} > \frac{4}{15} > \frac{4}{27} > \frac{4}{35}$

13. (D) $3 \square = ₹ 12$
 $\Rightarrow \square = ₹ 4$
 $\bigcirc + \bigcirc + \square = ₹ 48$
 $\bigcirc + \bigcirc + ₹ 4 = ₹ 48$
 $\bigcirc + \bigcirc = ₹ 44$
 $\bigcirc = ₹ 22$
 $\bigcirc + \square = ₹ 22 + ₹ 4 = ₹ 26$

14. (C) $7 \text{ km } 250 \text{ m} + 5 \text{ km } 500 \text{ m} = 12 \text{ km } 750 \text{ m}$

15. (B) $1,052 \text{ g} - 490 \text{ g} = 562 \text{ g}$

16. (B) $100 \text{ m} \div 5 = 20 \text{ m}$

17. (A) Cube is different from others

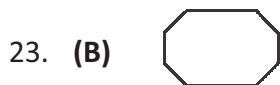
18. (A) $964321 - 123469 = 840852$

19. (A) $8000 - 4753 = 3247$

20. (B) 8,87,421

21. (C) $15 + 7 = 22$

22. (B) $\frac{5+11+13}{13} = \frac{29}{13}$



24. (B) $14 \text{ kg} \div 7 = 2 \text{ kg}$

25. (C) 3,087 m/

GENERAL SCIENCE

26. (A) A crane is a wading bird.

27. (B) Soup and juice are liquid states of matter

28. (C) Trees give out water during the process of photosynthesis in the form of watervapour. This is called transpiration. Transpiration make us to feel cool under a big tree.

29. (A) Handlens magnify objects hence it is used to see the tiny pants of an insects

30. (C) Arrow labelled 3 represents evaporation

31. (B) In the given options option (B) is sparrow. The beak of sparrow is best adapted for cracking seeds.

32. (B) The moon is the closest neighbour to the earth than the stars. Hence the moon looks larger and bigger than the stars.

33. (A) Tailor uses measuring tape for measuring clothes.

34. (D) Topsoil, subsoil and bedrock soil form the soil profile.

35. (C) A magnet attracts pins. It helps to pick them up without touching.

36. (D) Potato and ginger are the stem parts of the plant.

37. (C) Fallen seed grows into a new plant.

38. (A) A plant in a food chain make its own food. Hence they are called producers.

39. (B) Cow that eats grass is a herbivore.

40. (D) The sweet potato is a storage root plant. Besides helping to absorb water and mineral salts for the plant. It also stores food.

41. (B) Millilitres and litres are the units used to measure the volume of liquid (l).

42. (D) A pointed spear-like beak in a king fisher and broad beak in a duck can easily catch a fish swimming in water or leaping out of water.

43. (B) When air is blown into the balloon, it occupies the space inside it.

44. (C) Plants with weak stems are called climbers. They need support to climb to get sunlight.

45. (C) The heart, blood and blood vessels make up the circulatory system. The lungs and windpipe belong to the respiratory system.

46. (C) Insects have wings to fly, bat is a mammal that has wings to fly and has wings to fly and has two legs, Whereas birds are the only living things that has feathers.

47. (D) The mushroom and bread mould can be grouped under fungi.

48. (D) The puppy is a living thing. It is able to bark, drinks milk and wag its tail. Having four legs does not necessarily mean that it is a living thing. The table has four legs but it is not a living thing.

49. (C) We get eggs from hens

50. **(D)** Snail moves slowly.
51. **(D)** All the animals in the box give birth to young, feed on plants and suckle younger ones.
52. **(C, D)** They help prevent snow from collecting on leaves and help in making food.
53. **(A)** Birds push the wings against air.
54. **(C)** Formation of water droplets on surface of tumbler is called condensation.
55. **(B)** Humus → Topsoil → Subsoil → Bed

CRITICAL THINKING

56. **(A)**

The word "JUICE" can be formed in 6 ways.

57. **(B)** The necessary part of a book is its pages; there is no book without pages. Not all books are fiction, and not all books have pictures. learning may or may not take place with a book.
58. **(D)** Mosquito, Cockroach, Lizard, Crocodile
59. **(A)** Give me the yellow c**AP** PLEase.
60. **(A)** May 25th is Monday
 Day from May 25th to July 13th
 $13 = 6 + 30 + 13 = 49$
 No. of odd days : $49 / 7 = 0$

THE END
