



UNIFIED COUNCIL

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NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION (UPDATED)

CLASS - 3

Question Paper Code : UN446

KEY

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

SOLUTIONS

MATHEMATICS

1. (A) 356

2. (A) 8865

$$\begin{array}{r}
 45\boxed{3} \\
 + 639 \\
 \hline
 1092
 \end{array}$$

3. (B) The number itself

4. (D) $5 \times (643 - 462) = 905$

5. (B) $525 \times ₹ 12 = ₹ 6300$

6. (C) 5) \square (180

$$\begin{array}{r}
 \overline{4} \\
 \textcircled{4}
 \end{array}$$

Dividend = $5 \times 180 + 4 = 900 + 4 = 904$

7. (D) $30 \times 10 = 300$

8. (C) $6 : 55 \text{ PM} - 5 : 20 \text{ PM} = 1 : 35 \text{ min} = 95 \text{ min}$

Time spent on running in a week = $95 \text{ min} \times 7 = 665 \text{ min} = 11 \text{ hours } 5 \text{ min}$

9. (A) $\frac{2}{3} = \frac{12}{18} \Rightarrow 9$ more to be shaded

10. (A) $46 \text{ kg } 750 \text{ g} - 28 \text{ kg } 850 \text{ g} = 17 \text{ kg } 900 \text{ g}$

11. (D) $₹ 60 - ₹ 6 - ₹ 11 - ₹ 15 - ₹ 28 = ₹ 60 - ₹ 60 = 0$

12. (B) Perimeter = $(16 + 8 + 8 + 8 + 8 + 8 + 16 + 8 + 8 + 8 + 8 + 8) \text{ cm} = 112 \text{ cm}$

14. (C) $\frac{9}{11} > \frac{9}{13} > \frac{9}{15} > \frac{9}{17}$
15. (B) $20 \text{ m} - 20 \text{ cm} = 2000 \text{ cm} - 20 \text{ cm} = 1980 \text{ cm}$
16. (A) $\frac{12}{19} - \frac{4}{19} = \frac{12-4}{19} = \frac{8}{19}$
17. (B) Cylinder
18. (B) $72,500 - 1 = 72,499$
19. (B) $\frac{4}{13} + \frac{3}{13} + \frac{5}{13} = \frac{12}{13}$
20. (B) $\frac{4}{12} < \frac{4}{9} < \frac{4}{8} < \frac{4}{6}$
21. (D) $6 + 3 + 1 = 10$
22. (B) $51 \text{ km} - 40 \text{ km} = 11 \text{ km}$
23. (D) $8 + 16 + 24 + 32 + 40 = 120$
24. (A) $\frac{136}{8} = 17$
25. (C) $\frac{14}{35} = \frac{14 \times 5}{35 \times 5} = \frac{70}{175}$

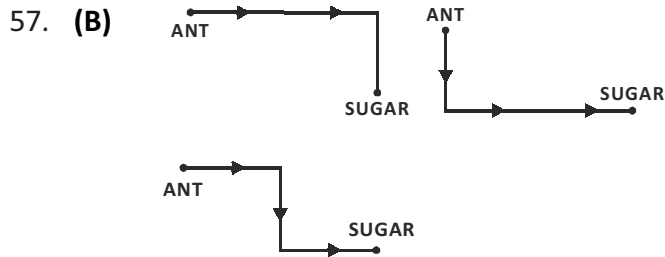
SCIENCE

26. (A) Group 2 are liquids. Juice is a liquid.
27. (B) At noon the sun appear above our head.
28. (C) The small and needle-like leaves present a small surface area, thus preventing snow from accumulating. Otherwise, if excessive snow is collected, their leaves will be covered and will not be able to make food.
29. (B) Webbed foot in aquatic birds helps them to swim.
30. (D) The handlens help maya to look the root hairs larger.
31. (D) Part 'X' tomato is a fruit part of the plant of the plant and carrot is the root part of the plant.
32. (D) Ice absorbs heat from the sun and melts to form water.
33. (B) A thermometer is used to measure the temperature.
34. (B) Brain orders each part what to do by sending messages through nerves. Brain and nerves form nervous system.
35. (B) Telescope is used to observe distant objects in the sky.
36. (B) When water gains heat and evaporates from seawater, liquid water changes its state to water vapour (water in the gaseous state) and white salt particles remain in the dish.
37. (C) The birds are grouped according to their ability to fly.
38. (B) Bread mould is a saprophyte. Organisms which obtain their food from dead and deaying organic matter of plants, dead animals are called saprophytes.
39. (D) Mars is a planet.
40. (D) Rate of evaporation depends upon the heat it absorbs. The water in the vessel that is kept under sunlight evaporates quickly.
41. (A) The sun heats the sand faster than the water.
42. (C) Crane is a wading bird. Water birds with long legs are wading bird.
43. (B) Earthworm is a living part in the garden.
44. (B) Ice cube melts to become liquid. Solid form changes to liquid state.
45. (D) X-Oxygen, Y- Carbon dioxide, Z - Water
46. (D) The height of the bean plant is measured in centimetre.
47. (B) When Earth comes between the sun and moon it causes a lunar eclipse to occur. During lunar eclipse earth's shadow falls on the moon.
48. (D) Carrot is the root part of the plant.
49. (C) Non-living things do not grow or develop.
50. (C) Rocks are the natural thing.
51. (C) The animals shown below are bat and owl. Both are active during night and the animals which are active during nights are called as nocturnal animal.
52. (B) The sand sinks to the bottom.

53. (B) Lungs are the organs that enable gaseous exchange to take place. i.e., taking in oxygen and giving out carbon dioxide.
54. (B) Lalitha went to picnic for five hours.
55. (A) A deer is a herbivore, i.e. an animal that feeds on plants only and is eaten by wolf.

CRITICAL THINKING

56. (B) $(26 - 1) + (37 - 1) = 61$



59. (C)

	Anu	Kamal	Ram	Sam
Lemon	✓	×	×	×
Carrot	×	×	✓	×
Co? ee	×	✓	×	×
Tea	×	×	×	✓

∴ Ram is having carrot juice.

58. (A) AIR

60. (D) 1 hen = 2 fishes
 1 fish = 6 eggs
 2 fishes = 12 eggs
 1 hen = 12 eggs

THE END
