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NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION

Paper Code: **UN436 (UPDATED)**

Solutions for Class : 2

MATHEMATICS

1. (A) $4 \times 3 + 2 \times 5$
 $= 12 + 10$
 $= 22.$
2. (C) Among all option C is correct.
3. (A) $473 + 10 = 483 \neq 463$
4. (B) $4 + 6 = 10$
 $6 - 4 = 2$
5. (A) Pinky give toffers to her friends
 $10 \times 4 = 40.$
 $\therefore 59 - 40 = 19$
 \therefore Pinky ate's 19 toffes.
6. (C) $\star = 5, \star = 4$
 $5 + 4 + 4 + 4 = 17$
7. (C) Among 10 pieces of ribbon preeti gave her sister = $\frac{1}{10}$ remaining pieces
 $= \frac{9}{10}$. Preeti shared equally with her 2 friends
 $= \frac{9^3}{10} \times \frac{1}{2}$
 $= \frac{3}{10}$
8. (C) $9 \text{ cm} - 3 \text{ cm}$
 $= 5 \text{ cm}.$
9. (C) Avinash's mass = 50 kg
Madhu mass = $50 - 4$
 $= 46 \text{ kg}$
Balaji mass = $50 + 5$
 $= 55 \text{ kg}$
Total mass = $50 + 46 + 55$
 $= 151 \text{ kg}.$
10. (B) $1000 - 45 = 955 \text{ m}.$
11. (A) Mass 2 packets of French fries = 40 g
mass of 1 packet of french fries = $\frac{40}{20}$
 $= 20.$
12. (B) The time is 11 p.m. when it is an hour to 12 mid night.
13. (A) $551 - 407 = 144.$
14. (D) $35 - 6 = 29$
Basket ball cost = ₹ 29.
15. (D) $35 + 25 = 60 \text{ min}.$
1 hour = 60 min.
 $11 : 35 \text{ am} + 1 \text{ hour} = 12 : 35 \text{ p.m}.$
16. (C) $811 - 735 = 76.$
17. (D) 3 sevens has the same value as $7+7+7.$
18. (D) Number's in ascending order 169, 619, 916, 961.
19. (C) $\frac{2}{2} > \frac{2}{4} > \frac{2}{6}$
20. (C) 952 = nine hundred and fifty – two.
21. (B) Among all option B is the correct.
22. (D) $5 \times 7 = ₹ 35$
Amount left by Ragini = $48 - 35$
 $= ₹ 13$
23. (C) $40 + 50 + 60 + 70 + 80 = 300$
 \therefore in 300 there are 2 zero digits.
24. (D) R is lighter than Q as Q is lighter than P.
25. (C) 1 rupee = 100 paise.
₹ 15 = 1500 paise.

GENERAL SCIENCE

26. (C) Plants and animals are living things.
27. (D) Igloos are the houses found in polar regions. They are constructed by using blocks and snow.
28. (B) Radish and carrot are root parts that store food in them.
29. (A) Coconut is the seed part of the plant.
30. (C) Living things grow.
31. (B) Potato is a stem part of the plant.
32. (D) The three things which the plants need to prepare their food are air, water and sunlight.
33. (A) Heart pumps blood to all parts of the body.
34. (B) Part A carrot is the root part of the plant and part B tomato is the fruit part of the plant.
35. (A) In winter season, days are shorter and nights are longer.
36. (B) Skin helps us to sense touch and eyes helps us to see colours and things.
37. (A) Animal in (A) option A is fox. It is a flesh eating animal.
38. (A) A grapevine is a climber.
39. (A) The shadow of the ball cast on the ground shows the position of the sun is at W.
40. (A) We wear light cotton clothes when it is hot. May is a part of summer season.
41. (A) Bamboo house are made of bamboos are light and can withstand warthquakes and does not cause much loss even if it is damaged.
42. (C) Option (C) contains only non-living things.
43. (B) Goat is a milk and meat giving animal.
44. (C) Peas are the seed parts of the plant.
45. (C) The earth is a planet.
46. (C) Stomach is an internal organ and not a sense organ.
47. (B) We get paper from bamboo plant.
48. (A) Turtle uses its shell for protection.
49. (A) Flowers are the reproductive organs of a plant. After fertilisation, they develop into fruits and seeds.
50. (C) Cabbage is a leaf part.

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The End
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