



NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION

CLASS - 1

Question Paper Code : UN494

KEY

| | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1. D | 2. B | 3. B | 4. C | 5. B | 6. B | 7. D | 8. A | 9. C | 10. A |
| 11. C | 12. B | 13. C | 14. D | 15. C | 16. B | 17. C | 18. C | 19. B | 20. C |
| 21. B | 22. C | 23. B | 24. D | 25. C | 26. D | 27. A | 28. B | 29. C | 30. D |
| 31. A | 32. B | 33. B | 34. B | 35. C | 36. D | 37. C | 38. A | 39. B | 40. C |

SOLUTIONS

MATHEMATICS

01. (D) ₹ 40 + ₹ 35 = ₹ 75 (less than 80)

She can buy a hairclip and a handkerchief.

02. (B) 1 stool → 3 cans

$$3 + 3 + 3 = 9$$

3 stools → 9 cans

The table is as tall as 9 cans.

03. (B) 2 tens 15 ones + 4 tens 6 ones = 81

04. (C) Circle, rectangle and triangle are in the given image but there is no square.

05. (B) Papaya = 4 apples

Watermelon = 6 apples

$$6 - 4 = 2 \text{ apples}$$

∴ The watermelon is 2 apples heavier than the papaya.

06. (B) $23 - 4 = 19$ ones

07. (D) The greatest two-digit number is 99.

$$99 + 1 = 100$$

08. (A) Animal that begins with 'T' in the image is tiger.



Tiger is in 4th position.

09. (C) 70 = tysneve = seventy

10. (A) $2 + 4 = 6$

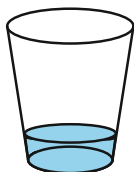
11. (C) Both of them

12. (B) There are 9 bees and 5 flowers

Hence there are 4 flowers fewer than bees.

13. (C) Hari is on the third seat. So if we count Hari and two children before him, that's : $1 + 2 = 3$ children
Now, there are 6 more children sitting to the right of Hari.
So, 3 (children before and including Hari) + 6 (children to the right of Hari) = 9 children.

14. (D) Maximum number of days in the month of February is 29. Hence Ram's birthday cannot fall on 30th.



15. (C)

GENERAL SCIENCE

16. (B) Creepers grow along the ground have heavy fruits.
17. (C) The sweater we wear in winter is made from wool that we get from sheep.
18. (C) Mango has only one seed.
19. (B) When the teacher is teaching in the class, the students use their ears to listen to the teachers.
20. (C) Cat is a living thing, hence rat can be placed in the same group. Cat and rat are living things.
21. (B) Sheep, Pine tree, Earthworm, Mango tree, Dog are living things, while table, stone and eraser are non-living things.
22. (C) Shines at night.
23. (B) Air occupies space.
24. (D) A thermometer has numbers on it and it shows the temperature of our body. It is found in a first aid box.
25. (C) Balu most probably used his tongue to taste the custard.
26. (D) The animal in the given picture is a rabbit. Its home is called a burrow.
27. (A) Pea plant is a climber, it has weak stem, hence it would need a stick to be placed near it.

28. (B) We should not bite our nails as germs and dirt could be present under the nails. Biting them can make us ingest these germs and we can fall sick.
29. (C) Air helps things to fly and water is used for bathing.
30. (D) Giraffe, elephant, horse, rabbit, sheep, goat, zebra, yak, buffalo, cow and deer eat plants whereas bear eats both plants and animals.
31. (A) We get hurt, if we touch the broken glass.
32. (B) We use ears to hear sound and hands to do work.
33. (B) The shape of the Moon appears to keep on changing every night.
34. (B) Option (B) shows zebra crossing.
35. (C) The girl in the picture is wearing a cap, muffler and sweater. Therefore, it must be winter season.
36. (D) A bee is an insect, it has six legs and four wings. Pigeon, crow and parrot are birds. They have two legs and two wings each.
37. (C) The weather forecast shown in the given figure is of a rainy day. So, rain coat can be worn on this day as it will keep us dry.
38. (A) Options (A), (B), (C) and (D) show spacecraft, aeroplane, helicopter and parachute respectively. A spacecraft is used for going into the space.
39. (B) Kangaroo is an animal a living thing that can move, breaths and grows.
40. (C) Home of spider is web, home of pigeon is nest, home of bee is hive and home of pig is sty.