

Science and Technology Marathon 2024-2025 (Class 4)

1. How many permanent teeth does a human being have? [32]
2. What is needed to form blood? [Iron]
3. Food that passes from the mouth through a long tube to reach the stomach is known as ...? [oesophagus]
4. Where does the process of digestion start? [mouth]
5. What is the hardest substance in the human body? [enamel]
6. What is the name of the instrument which is used for observing very tiny living things? [microscope]
7. A narrow bridge used only by people to walk? [footbridge]
8. What kinds of clothes are worn in winter? [woolen clothes]
9. How many teeth are there in a temporary set? [20]
10. Which is the national dress of Japanese women? [kimono]
11. What helps to identify the job of a person? [uniform]
12. What type of cream do you use for burns? [antiseptic cream]
13. The immediate help given to an injured person before the medical help arrives is called? [first aid]
14. In which year was the first synthetic fiber produced? [1938]
15. When do we wear light coloured clothes, made from cotton or linen? [summer]
16. How many muscles do we use for smiling? [14]
17. Which is the largest organ in the body? [liver]
18. What do the kidneys help to remove from our body? [waste material]
19. The hard bone in our head is called....? [Skull]
20. Who was the first scientist to understand about gravity? [Sr. Isaac Newton]
21. How many bones are there in the human body? [206]
22. What is the framework of the body called? [skeleton]
23. What gives us energy to do work? [carbohydrates]
24. From where do we obtain cotton? [plants]
25. What give us energy? [carbohydrates]
26. What helps in formation of bones and teeth? [calcium]
27. What keeps us happy and active? [Regular exercise]
28. What forms the central part of the tooth? [Pulp]
29. Why do we use tongs or a thick towel in the kitchen? [to hold anything hot]
30. What is the national dress of women in Nepal? [Sari or Gunyu cholo]
31. How should persons be kept when s/he has fainted? [lying down]
32. What are a child's first teeth called [milk teeth or temporary teeth]
33. How many species of plants have scientists found? [380 thousands]
34. What senses does a zebra use to tell if there is a danger nearby? [sight, hearing & smell]
35. What type of food can make us put on an extra weight? [Junk food]
36. Which are the two resources that are important for our survival? [water & air]
37. Where do we preserve food for a longer time? [Deep freezer]
38. How much of the human body is water? [three quarters]
39. Which teeth are used for tearing food? [canines]
40. What is needed by our body for proper health and growth? [Nutrients]
41. How many teeth are there in a set of permanent teeth? [32]
42. How many molars are there in a set of permanent teeth? [12]
43. What keeps our teeth strong and healthy? [Calcium]
44. What part of our body holds food that cannot be digested? [Large intestine]
45. What is the other name of food pipe? [Oesophagus]
46. What are harmful microbes called? [Germs]
47. What is manmade fabric called? [Synthetic fabric]
48. How should woolen and silk clothes be washed? [Dry cleaned]
49. What type of clothes should we wear in summer? [cotton]
50. Which clothes keep us warm in winter? Woolen]
51. What substance that has weight and occupies space called? [Matter]
52. What are substances with closely packed particles called? [Solids]
53. What is the process in which a gas cools and changes into a liquid state called? [Condensation]
54. What do we get when a solute dissolves in a solvent? [Solution]
55. What is the solid which dissolves in a solvent? [Solute]

56. What is soil that consists of clay, sand and humus called? [loam]
57. How long does it takes for nature to make 1 inch of topsoil? [500 years]
58. What is protection of soil from erosion known as? [Soil conservation]
59. What does rotation of the earth cause? [Day and Night]
60. What is the amount of water vapour in the air called? [Humidity]
61. What is added to water to purify it? Chlorine]
62. Which is the hottest planet in our solar system? [Venus]
63. Which planet is called the Red planet? [Mars]
64. What is the other name for “Moon”? [satellite]
65. Which is the nearest star to the earth? [The sun]
66. What are the fixed paths of the planets around the sun called? [Orbits]
67. Which other name is Venus known as? [Evening star]
68. Who was the first man to visit space? [Yuri Gagarin]
69. Who was the first man to set foot on the moon? [Neil Armstrong]
70. At what temperature does water change into ice? [0°C]
71. How many days make 1 year? [365 and quarter days]
72. What does the revolution of the earth cause? [Seasons]
73. Which season does Australia have when it is summer in Nepal? [Winter]
74. Which season comes between winter and summer? [Spring]
75. Which heavenly body is at the center of our solar system? [The sun]
76. Which instrument is used to study the heavenly bodies? [Telescope]
77. What is a person to studies the planets and the stars called? [Astronomer]
78. Which insect attacks woolen and silk clothes? [Silver fish]
79. How many states does matter have? [Three]
80. Which type of soil becomes heavy and sticky when wet? [Clay]
81. What is the process by which green plants make their own food? [Photosynthesis]
82. What is the green substance in most plants called? [Chlorophyll]
83. What is the flat part of a leaf called? [Leaf blade]
84. Which is the world’s tallest tree? [The redwoods of California]
85. Which are the plants that are found in desert? [Cactus/Date palm]
86. Which are the plants that grow on the mountains? [Pine tree and Fir tree]
87. Which are the plants that Trap insects? [Insectivorous plant]
88. What are the examples of insectivorous plants? [Venus fly trap and pitcher plant]
89. Why some plants are called non-green plants? [Because they do not have chlorophyll]
90. Which are the non green plants? [Mushrooms]
91. Which is the plant that cannot make its own food and absorb food from other dead plants and animals? [Saprophytic plants]
92. How is the juice of rubber tree used while making rubber? [To make Tires.]
93. What is the Juice of Acacia tree (keekar) used for? [To make gum]
94. Who was the 1st man to fly on space from India? [Rakesh Sharma]
95. Which lake in Nepal is at highest altitude? [Lake Tilicho]

TECHNOLOGY

1. Which button should be clicked to reduce a window to a button on the taskbar?

Ans: Minimize

2. Output obtained on paper using a printer is called...

Ans: Hardcopy

3. **The smallest unit of an image or a picture is – pixel**

4. **Short cut key for resize and skew dialog box – CTRL + W**

5. **Who created Scratch? Mitchel Resnick**

6. **The default font in Word 2016- Calibri**

7. **The default font size in Word 2016- 11**

8. **Who developed World Wide Web? - Sir Tim Berners-Lee**

9. **VDU is also known as – input device**

10. Which mouse action is used to open a file or a folder? Double click
11. It refers to a set of instructions or program- Software
12. The small pictures on the desktop are called – Icons
13. Name the voice-controlled virtual assistant – Cortana
14. The shortcut key for CUT the text is – CTRL + X
15. What type of device is monitor- output device
16. CPU stands for? Central Processing Unit
17. Who developed Tux paint? Bill Kendrick
18. A huge network of computers around the world? Internet
19. When was the Web developed? 1989
20. The first page of a website is known as- Home page
21. The deleted files will be stored in? Recycle Bin
22. The full form of CD is? Compact Disk
23. The full form of WWW is? World Wide Web
24. WWW is the collection of? Webpages
25. Name the best search engine in the world- Google