

Science and Technology Marathon 2024-2025 (Class 5)

- 1) The emergency care given to a person who is injured or suddenly becomes ill. [First Aid]
- 2) The meaning of letter R in the word Rice in terms of First Aid. [Rest]
- 3) The result of a stretched or torn ligament. [Sprain]
- 4) An apparatus used for supporting test tube. [Test tube rack/test tube stand]
- 5) Most important part of the cells activities or cells division activities. [Nucleus]
- 6) Who are known as Aves family? [Bird]
- 7) What is the label for POISON? [A skull with bones]
- 8) What is the layer of atmosphere that is closest to the earth? [Troposphere]
- 9) What is an inflammation of the liver? [Hepatitis]
- 10) The science of studying living organisms comes under which subject? [Biology]
- 11) Elements are grouped according to [Atomic numbers]
- 12) Who was the first living being sent in space? [A dog]
- 13) Which lens is used as a magnifying glass? [Convex]
- 14) How is the age of a tree determined? [Annual rings count]
- 15) What is the main ingredient in nail polish remover? [Acetone]
- 16) The process of making food by the plants is known as [Photosynthesis]
- 17) Entomology is the scientific study of [Insects]
- 18) Which organ is used by the fish to breathe? [Gills]
- 19) Which organism is associated in making the soil fertile? [Earthworm]
- 20) Which star is nearest to the earth? [Sun]
- 21) Which part of the body is most affected by the disease "Rickets"? [Bones/Skeleton]
- 22) How many poles does a magnet have? [2]
- 23) The science 'Meteorology' is related to what? [Weather]
- 24) How many valves does a human heart have? [4]
- 25) What is the abbreviation of 'NASA'? [National Aeronautics and Space Administration]
- 26) Which scientist discovered Penicillin? [Sir Alexander Fleming]
- 27) Deficiency of which Vitamin can cause Scurvy? [Vitamin C]
- 28) Which scientific process is used to separate out the different components of crude oil? [Fractional distillation]
- 29) The science dealing with cultivation of flowers, fruits, vegetables and ornamental plants is known as [Horticulture]
- 30) Who discovered the concept of relationship between mass and energy? [Einstein]
- 31) Which fuel is produced by heating wood in the absence of oxygen? [Charcoal]
- 32) Carbon dating is used for what? [To estimate the age of organic materials]
- 33) Who was the first scientist to win Nobel Prize twice? [Marie Curie]
- 34) The lead of a pencil mainly contains...? [Graphite]
- 35) What was the coldest temperature ever recorded on the Earth (at Vostok, Antarctica)? [-129° F /-128.6° F]
- 36) Nitrogen constitutes what percentage of the atmosphere? [About 79%]
- 37) What is the name given to the respiratory holes on the surface of a leaf? [Stomata]
- 38) Which gas in the atmosphere saves us from the UV rays of the sun? [Ozone]
- 39) Which planet is known as the Red Planet? [Mars]
- 40) Who discovered the circulation of blood? [William Harvey]
- 41) Cholesterol is an example of what type of lipid? [Phospholipid]
- 42) Which is the world's leading egg-producing country? [China]
- 43) Which living bird lays the world's smallest egg? [Bee Humming Bird]
- 44) What are eggs laying animals known as? [Oviparous]
- 45) Which animal can look two ways at the same time? [Chameleon]
- 46) What is a gecko? [Common house lizard]
- 47) From which animal is the valuable Pashmina wool obtained? [Commonly Black sheep]
- 48) Feathers are made up of an insoluble protein called...? [Keratin]
- 49) Which bamboo-eating bear has a baby that weighs less than an apple? [Panda bear]
- 50) Which bird can fly straight up, down, and backward? [Hummingbird]
- 51) Whose make up is more than a quarter of all mammal species on Earth besides human beings.? [Bats]
- 52) How many toes do ostriches have on each foot? [2]
- 53) What woodpecker was the largest of the woodpeckers but is now most likely extinct? [Ivory-billed Woodpecker]
- 54) In which continent do you find Penguin mostly? [Antarctica]
- 55) Which animal has the biggest eye--ten times bigger than a human eye? [Giant Squid]
- 56) Which animal can produce 640 volts electric shock? [Eel]
- 57) The fastest animal on four legs is the cheetah. How fast can it run? [120 km/hr to 200 km/hr]
- 58) How many claws does a house cat have? [18]

- 59) The name 'McDonalds' came from the two brothers who originally owned 'Mcdonalds Hamburgers'. What were the two brothers' names? [Dick and Mac]
- 60) Who invented Bicycle? [Kirkpatrick Macmillan]
- 61) Who invented Jet Engine? [Sir Frank Whittle]
- 62) Who invented Ball-Point Pen? [John J. Loud]
- 63) Which is the full form of HIV? [Human immunodeficiency virus]
- 64) Which continent without reptiles or snakes? [Antarctica]
- 65) Who invented Fountain Pen? [Lewis Waterman]
- 66) Who invented Electric Generator? [Michael Faraday]
- 67) In which decade was the Internet first implemented? [1960s]
- 68) CORN FLAKES – Which country made them first? [America]
- 69) Who invented the battery?[Alessandro Volta]
- 70) When was the first atomic bomb tested? [1945]
- 71) Which country launched the first rocket for war? [Germany]
- 72) What Igor Sikorsky invented? [Helicopter]
- 73) What James Watt invented? [Rotary steam engine]
- 74) What is the study of stars called? [Astronomy]
- 75) What is the male sheep called? [Ram]
- 76) What is an animal having eight limbs called? [Octopus]
- 77) Where was the banana first grown? [South Asia]
- 78) What is Alopecia? [Loss of Hair]
- 79) What term describes the study of diseases of bones and joints? [Orthopaedics]
- 80) Name the smallest marine fish. [Fujiyama]
- 81) Who are the pediatrics? [Doctors of children.]
- 82) Which insect has life span of 24 hours?[Dragonfly]
- 83) Which aquatic animal has 10 times fat in their milk than human beings? [Whale]
- 84) How many more bones are in horse than in human beings? [18]
- 85) Who invented watch? [Bartholomew Manfredi (Italy)]
- 86) Which is the first manmade satellite? [Sputnik 1]
- 87) Who invented fan? [Dr. Schuyler Wheeler]
- 88) When was the first wireless communication system started? [In the year 1896]
- 89) What is the name of the chart listing all the elements? (periodic table)
- 90) The smallest unit that is capable of carrying out life function is known as ? (Cell)
- 91) Which vitamin is necessary for blood clotting? (Vitamin K)
- 92) Which is the largest gland in human body? (Liver)
- 93) Which is the longest bone in human body? (Femur)
- 94) What is the colour of hemoglobin? (Red)
- 95) Number of ribs found in typical human ribcage is? (24)
- 96) Which is the naturally occurring heaviest element? (Uranium)
- 97) Which element is present in all organic compounds? (Carbon)
- 98) Sunlight consists of total how many colours? (7)

TECHNOLOGY

1. How much is bits =1 nibble? 4 bits
2. ROM is also known as ____ memory. Non-volatile
3. How much data can a floppy disks store? 1.2-1.44MB
4. Full-form of USB- (Universal Serial Bus)
5. What is Bit? (A binary digit)
6. What is Byte? (Computer memory)
7. Short-cut key to create a new folder CTRL+SHIFT+N
8. Name the block which repeats the programming code endlessly. FOREVER
9. ____ contains tabs and groups. Ribbon
10. Where was ARPANET started? California, USA
11. Name three services of Internet. WWW, Email and Chat
12. By pressing which key we can close computer very quickly? ALT + F4

13. What is the shortcut key to align the text in center? CTRL + E
14. How many generation of computer is till now? 5
15. When was first personal computer introduced? 1981
16. What controls overall activities of computer? System Software
17. Who is the Father of Computer? Charles Babbage
18. Which language does the computer understand? Binary Language
19. Which is the smallest unit of data in computer? BIT
20. Name the physical component of computer. Hardware
21. ARPANET stands for? Advanced Research Project Agency Network
22. What is the other name for computer programs? Software
23. Another name for the physical part of computer. Hardware
24. RAM is also known as _____. (Volatile memory)
25. ROM is also known as _____. (Non- volatile memory)