

## Round 1

- 1 - Whom did Albert Einstein call the "father of modern science"?
- 2 - What is Deoxyribonucleic Acid better known as?
- 3 - Which animals have 3 hearts, 9 brains & blue blood?
- 4 - How many minutes does a blood cell take to do a circuit of the body - **1, 10 or 100**?
- 5 - What is the Mpemba effect?
- 6 - 20% of Earth's oxygen is produced by which rainforest?
- 7 - Xenon is represented as what on the periodic table?
- 8 - Which letter doesn't appear on the periodic table?
- 9 - Which planet spins clockwise?
- 10 - Cu represents what metal on the periodic table?

## Round 1 - Answers

- 1 - Galileo Galilei
- 2 - DNA
- 3 - Octopus
- 4 - 1
- 5 - Hot water freezing faster than cold
- 6 - Amazon
- 7 - Xe
- 8 - J
- 9 - Venus
- 10 - Copper

## Round 2

- 1 - The air in Earth's atmosphere is made up of mostly which gas?
- 2 - Which process is used by plants to convert light energy into chemical energy?
- 3 - Radon is represented as what on the periodic table?
- 4 - The Earth's crust is split into gigantic pieces called what?
- 5 - Which planet spins on its side?
- 6 - Which mammals have wings?
- 7 - Which scientist developed the theory of relativity?
- 8 - Name the only two metals that aren't silver?
- 9 - The rarest naturally-occurring element in the Earth's crust is what?
- 10 - He represents what gas on the periodic table?

## Round 2 - Answers

- 1 - Nitrogen
- 2 - Photosynthesis
- 3 - Rn
- 4 - Tectonic Plates
- 5 - Uranus
- 6 - Bats
- 7 - Albert Einstein
- 8 - Gold and Copper
- 9 - Astatine
- 10 - Helium



## Round 3

- 1 - Tin is represented as what on the periodic table?
- 2 - Which scientist wrote the book 'Mathematical Principles of Natural Philosophy' in 1687?
- 3 - Air becomes what at  $-190^{\circ}\text{C}$ ?
- 4 - Mars is red because of which compound?
- 5 - Ne represents what gas on the periodic table?
- 6 - Which is the science of matter & its behaviour?
- 7 - Why can't you sink in the Dead Sea?
- 8 - Energy from food is usually measured in what?
- 9 - What is the fastest land animal in the world?
- 10 - In 1921 the Nobel Prize in Physics was won by whom?

## Round 3 - Answers

- 1 - Sn
- 2 - Sir Isaac Newton
- 3 - Liquid
- 4 - Iron Oxide
- 5 - Neon
- 6 - Physics
- 7 - High Salt Content
- 8 - Joules or Calories
- 9 - Cheetah
- 10 - Albert Einstein



## Round 4

- 1 - Which Polish-French physicist and chemist conducted pioneering research on radioactivity?
- 2 - What is dihydrogen monoxide?
- 3 - What was Stephen Hawking's IQ - **150, 160 or 180?**
- 4 - Gold is represented as what on the periodic table?
- 5 - What keeps you in your seat during a loop-the-loop rollercoaster?
- 6 - Protons and neutrons consist of how many quarks each?
- 7 - How many chemical elements are there?
- 8 - What is the first element in the periodic table?
- 9 - What keeps the Moon in orbit around Earth?
- 10 - Mg represents what metal on the periodic table?

## Round 4 - Answers

- 1 - Marie Curie
- 2 - Water
- 3 - 160
- 4 - Au
- 5 - Inertia
- 6 - 3
- 7 - 118
- 8 - Hydrogen
- 9 - Gravity
- 10 - Magnesium

## Round 5

- 1 - Palladium is represented as what on the periodic table?
- 2 - What theory is Charles Darwin famous for?
- 3 - Which female chemist helped unravel the mystery of DNA?
- 4 - What are the fastest spinning objects known in the universe?
- 5 - What is the highest scientific honour?
- 6 - Cs represents what metal on the periodic table?
- 7 - What is the only even prime number?
- 8 - What is the hardest metal?
- 9 - Who invented the light bulb?
- 10 - What is 'Sphenopalatine ganglioneuralgia' better known as?

## Round 5 - Answers

- 1 - Pd
- 2 - The theory of natural selection
- 3 - Rosalind Franklin
- 4 - Neutron stars
- 5 - The Nobel Peace Prize
- 6 - Caesium
- 7 - 2
- 8 - Tungsten
- 9 - Thomas Edison
- 10 - Brain Freeze