

# STEM QUIZ - QUESTIONS

1. What does STEM stand for?
  - a. Science, Technology, Engineering and Maths
  - b. Study, Test, Evaluate and Measure
  - c. Science Tells Even More
2. What animal's fingerprints most closely resemble human fingerprints?
  - a. Chimpanzee
  - b. Gorilla
  - c. Koala
3. How many teeth does an adult human have?
  - a. 12
  - b. 22
  - c. 32
4. Space travellers from America are called astronauts and Russia's are called cosmonauts. Where are taikonauts from?
  - a. China
  - b. Japan
  - c. Europe
5. When you open a bottle of wine and leave it exposed to the air, the ethanol in it reacts with oxygen. This reactions forms what?
  - a. Citric Acid
  - b. Oxalic Acid
  - c. Ethanoic Acid
6. What did Guglielmo Marconi invent?
  - a. Telephone
  - b. Radio
  - c. Computer
7. What is a very basic machine that consists of a rope and wheel called?
  - a. Tripwire
  - b. Rope Wheel
  - c. Pulley
8. Saturn has 82 moons. Which one is the largest?
  - a. Hyperion
  - b. Titan
  - c. Dione
9. What is seismology the study of?
  - a. Earthquakes
  - b. Hurricanes
  - c. Volcanoes
10. What's the number on the bottom of a fraction called?
  - a. Quotient
  - b. Denominator
  - c. Integer

# STEM QUIZ - ANSWERS

1. **A – Science, Technology, Engineering and Mathematics.** STEM is an acronym for the fields of science, technology, engineering and maths.
2. **C – Koalas.** Koalas have fingerprints that are almost identical to human ones. Not even careful analysis under a microscope can easily distinguish the loopy, whirling ridges on koalas' fingers from our own.
3. **C – 32.** By around the age of 21, most people will get their wisdom teeth and have all their 32 permanent teeth. Children will usually get all their 20 primary teeth, or baby teeth, by around the age of three.
4. **A – China.** The term *taikonaut* is used by some English-language news media organizations for professional space travelers from China. It became more common in 2003 when China sent its first astronaut Yang Liwei into space aboard the *Shenzhou 5* spacecraft.
5. **C – Ethanoic Acid.** Ethanoic acid, also called acetic acid, is a chemical with a sharp, acrid smell. You may recognize the smell as being similar to vinegar.
6. **B – Radio.** Guglielmo Marconi was an Italian inventor and electrical engineer, known for his pioneering work on long-distance radio transmission.
7. **C – Pulley.** A rope and pulley system is characterised by the use of a single continuous rope to transmit a tension force around one or more pulleys to lift or move a load.
8. **B – Titan.** Saturn has 53 named moons and 29 that are awaiting confirmation. The moons range from tiny moonlets only tens of meters across to the enormous Titan, which is larger than the planet Mercury. Titan even has its own atmosphere, which is unusual for a moon.
9. **A – Earthquakes.** Seismology is the study of earthquakes and seismic waves, waves of energy caused by the sudden breaking of rock within the earth, that move through and around the earth.
10. **B – Denominator.** A fraction represents a part of a whole and consists of a numerator displayed above a line and a non-zero denominator, displayed below the line.