

## Science Trivia Questions

Question	Answer
What are the three classes of rocks?	Metamorphic, igneous, sedimentary
Johnny was a chemist's son But Johnny is no more What Johnny thought was H <sub>2</sub> O was H <sub>2</sub> SO <sub>4</sub>  What did Johnny die drinking?	Sulfuric acid
Browning food makes it roasty, toasty and delicious because of this chemical reaction between amino acids and reducing sugars.	Maillard reaction
Quarks are subatomic particles that form hadrons. They come in six flavours.  For a point, name three flavours. For a bonus point, name all six.	Up, down, strange, top, bottom, charm
Etymology is the study of words, not to be confused with entomology, which is the study of...	Bugs or insects
Digital information is stored in bits.  What is the standard number of bits to a byte?	8 bits to a byte
What is the IUPAC name for the alcohol you'd expect to find in your beverage?  Bonus point: How many carbon atoms in a molecule of this alcohol?	Ethanol 2 carbon atoms per molecule
What is the closest galaxy to the Milky Way?	Andromeda galaxy
You're casually driving at a fraction of c (the speed of light) when an officer pulls you over for blowing a red light – however, the light appeared green to you.  What phenomenon did you experience?	Blue shift or blue shifting
What's the longest bone in the human body?	The femur
Which famous rock band has a lead guitarist with a PhD in astrophysics?  For a bonus point: what's the guitarist's name?	Queen
This Greek mathematician was so excited by his bathtime discovery that he ran naked through the streets shouting, "Eureka!"	Archimedes
Which Polish-born scientist was the first female Nobel Laureate (and first two-time recipient)? For a bonus point, name the categories in which she won.	Chemistry and Physics
This hapless Muppet shares his name with what piece of scientific equipment?	Beaker
Which famous German physicist derided quantum entanglement as "spooky action at a distance"?	Albert Einstein
Which computer scientist proposed an experiment to test whether an artificial intelligence could pass as human?	Alan Turing

These two scientists are credited with discovering the helical structure of DNA. Bonus point: what does DNA stand for?	James Watson and Francis Crick Deoxyribonucleic acid
Bill Nye the Science Guy has many honorary degrees, but he graduated Cornell U with a degree in this STEM discipline.	Mechanical engineering
Sir Isaac Newton was said to have arrived at his theory of gravity by observing what?	An apple falling
Which scientist proposed the famous thought experiment wherein the cat is both alive and dead until otherwise observed?	Ernest Schrodinger
In 2019, the Event Horizon Telescope network was able to successfully capture the first picture of this phenomenon.	Black Hole
Charles Darwin's observations of this creature contributed to the development of his theory of evolution.	Galapagos (giant) tortoise
This illustration from Henry Gray's well-known anatomical textbook depicts a cross-section of what vestigial organ?	Appendix
This towering vertical formation is an example of what type of cloud?	Cumulonimbus
This photo depicts the second man on the moon. Who is he?	Buzz Aldrin
What is the name of the IBM computer against which chess grandmaster Garry Kasparov is playing in this pic?	Deep Blue
This distinctive conical flask was invented by a German scientist, after which it was also named. What type of flask is this?	Erlenmeyer flask
This sheep was the first ever cloned mammal. What was her name?	Dolly
Not to be confused by the caduceus (the staff of the Greek god Hermes), this symbol of medicine and healthcare is known as what?	Rod of Asclepius
This famous Serb, seen here in this 1899 photograph, was a proponent of the alternating current electrical system.	Nikola Tesla

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