

Quiz questions

General

1. Who invented the electric light bulb?

- A Sir Isaac Newton
- B Thomas Edison
- C Albert Einstein
- D Alexander Graham Bell

B Thomas Edison

2. Who invented the television?

- A John Logi Baird
- B Albert Einstein
- C Thomas Edison
- D Alexander Graham Bell

A John Logi Baird

3. What did Alexander Graham Bell invent?

- A The radio
- B The telephone
- C The car horn
- D The bell

B Telephone

4. What is an Ibex?

- A An antelope
- B A mountain
- C A mineral
- D A lens

A An antelope

5. Where was the first aeroplane flight?

- A Cape Canaveral
- B Farnborough
- C Kitty Hawk
- D Huston

C Kitty Hawk

6. What disease did Edward Jenner help cure?

- A Common cold
- B Polio
- C Smallpox
- D The Plague

C Smallpox

7. What carries the signal in a cable TV system?

- A Electricity
- B Light
- C Radio waves
- D Microwaves

B Light

8. What carries the signal in a satellite TV system?

- A Electricity
- B Light
- C Radio waves
- D Microwaves

D Microwaves

9. What is the main food group in egg yolk?

- A Carbohydrate
- B Fat
- C Protein
- D Vitamins

B Fat

10. What is the main food group in egg white?

- A Carbohydrate
- B Fat
- C Protein
- D Vitamins

C Protein

11. Which is the biggest?

- A Asteroid
- B Comet
- C Star
- D Planet

C Star

12. Which is **NOT** part of our solar system?

- A The Sun
- B The Moon
- C The Pole Star
- D Pluto

C The Pole Star

Biology

1. What is the name for all the bones in our body?

- A Organs
- B Skeleton
- C Nervous system
- D Respiratory system

B Skeleton

2. What passes down the alimentary canal?

- A Food and drink
- B Boats
- C Sound waves
- D Electrical impulses

A Food and drink

3. Where in your body would you find the atrium?

- A Stomach
- B Lung
- C Blood vessel
- D Heart

D Heart

4. How many chromosomes does a normal human being have?

- A 46
- B 26
- C 13
- D 23

A 46

5. How many bones make up the human skeleton?

- A 203
- B 204
- C 205
- D 206

D 206

6. How many brain cells are lost per day from the age of 30?

- A 100,000
- B 200,000
- C 300,000
- D 400,000

A 100,000

7. How many wings does a bee have?

- A 2
- B 4
- C 6
- D 8

B 4

8. Which three are inherited characteristics?

- A Finger length, weight, scar
- B Blood group, ear lobe and gender
- C Accent, freckles and gender
- D Hand writing, hair colour and weight

B Blood group, ear lobe and gender

9. What chemical carries oxygen around the body?

- A Chlorophyll
- B Magnesium
- C Haemoglobin
- D Copper sulphate

C Haemoglobin

10. What metal do plants need to make chlorophyll?

- A Iron
- B Copper
- C Magnesium
- D Silver

C Magnesium

11. Which part is only found in plant cells?

- A Nucleus
- B Cell wall
- C Cell membrane
- D Cytoplasm

B Cell wall

12. Which tubes carry water around a plant?

- A Xylem
- B Capillaries
- C Phloem
- D Veins

A Xylem

Chemistry

1. What is the chemical formula of sand, silicon dioxide?

- A SO_2
- B NaO
- C Si_2O
- D SiO_2

D SiO_2

2. What percentage of the earth's water is drinkable?

- A 0.1%
- B 1%
- C 10%
- D 20%

B 1%

3. What is the chemical formula for table salt?

- A H_2SO_4
- B NaCl_2
- C NaCl
- D HNO_3

C NaCl - sodium chloride

4. What is the chemical name for vinegar?

- A Nitric acid
- B Citric acid
- C Ethanoic acid
- D Hydrochloric acid

C Ethanoic acid

5. What is the chemical name for sand?

- A Silicon dioxide
- B Sodium silicate
- C Sodium bicarbonate
- D Calcium carbonate

A Silicon dioxide

6. By what name is quick silver also known as?

- A Sand
- B Sodium
- C Mercury
- D Water

C Mercury

7. What are chlorine, bromine and iodine known as?

- A Halogens
- B Noble gases
- C Alkaline earth metals
- D Alkali metals

A Halogens

8. What chemical is dry ice?

- A Carbon dioxide
- B Water
- C Hydrochloric acid
- D Sodium chloride

A Carbon dioxide

9. Which three metals are magnetic?

- A Iron, steel and copper
- B Iron, steel and nickel
- C Aluminium, copper and lead
- D Aluminium, copper and iron

B Iron, steel and nickel

10. Which three elements are gases?
- A Oxygen, lithium and potassium
 - B Oxygen, nitrogen and hydrogen
 - C Steam, oxygen and carbon dioxide
 - D Sodium, magnesium and carbon

B Oxygen, nitrogen and hydrogen

11. Which elements are all metals?
- A Magnesium, carbon and sodium
 - B Iron, copper and carbon
 - C Lithium, chlorine, neon
 - D Iron, copper and magnesium

D Iron, copper and magnesium

12. Which three are types of rock?
- A Magma, lava, igneous
 - B Limestone, granite and sandstone
 - C Igneous, metamorphic and sedimentary
 - D Mineral, crystal and magma

C Igneous, metamorphic and sedimentary

Physics

1. What is the speed of light?
- A 200 million metres per second
 - B 300 million metres per second
 - C 400 million metres per second
 - D 500 million metres per second

B 300 million metres per second

2. Which three are types of energy transfer?
- A Conduction, convection and radiation
 - B Solid, liquid and gas
 - C Coal, gas and oil
 - D Element, mixture and compound

A Conduction, convection and radiation

3. What is the formula for calculating speed?

- A Speed = time X distance
- B Speed = time / distance
- C Speed = distance / time
- D Speed = distance X time

C Speed = distance / time

4. What is the formula for calculating pressure?

- A Pressure = force / area
- B Pressure = area / force
- C Pressure = area X force
- D Pressure = force X area

A Pressure = force / area

5. Which is a reliable source of renewable energy?

- A Geothermal
- B Wind
- C Wave
- D Hydroelectric

A Geothermal

6. What is the mass of a 1 metre cube of water?

- A 10 kg
- B 100 kg
- C 1000 kg (1 tonne)
- D 10 000 kg (10 tonnes)

C 1000 kg (1 tonne)

7. How many colours are there in a rainbow?

- A 5
- B 6
- C 7
- D 8

C 7

8. Which of these is **NOT** a fossil fuel?

- A Coal
- B Wood
- C Peat
- D Mineral oil

B Wood

9. In an electrical circuit with batteries, which way do the electrons move to make electricity?

- A Positive to negative
- B They vibrate back and forth
- C Negative to positive
- D Electrons don't move at all

C Negative to positive

10. Which material carries sound fastest?

- A Air
- B Steel
- C Space
- D Water

B Steel

11. What is the height of a wave called?

- A Amplitude
- B Frequency
- C Pitch
- D Tone

A Amplitude

12. How many planets have orbits between the Earth and the Sun?

- A 1
- B 2
- C 3
- D 5

B 2