

Printed Quiz | Secondary Schools | KS3 Science | For Class Use (2)

This printed quiz is for use with secondary school students and is intended for use in class or as homework. The PDF file prints firstly the questions complete with answers and then the questions without answers but with spaces left for answer insertion by the students. The questions are about Science and are aimed at KS3 students. The Education Quizzes website contains many different [quizzes for schools](https://www.educationquizzes.com) that can be used by teachers free of charge.

- 1 Wires are normally made from copper. Why?**
Copper is a very good conductor of electricity
- 2 In plants, which organ is used in photosynthesis?**
Leaf
- 3 What colour is universal indicator in a neutral solution?**
Green
- 4 Antagonistic action of two muscles means what?**
As one muscle contracts the other relaxes
- 5 The elements in group 7 of the periodic table are known as what?**
Non-metals
- 6 Fibre is needed for what?**
Preventing constipation
- 7 Some acid is put onto strips of metal. What would you see if the metals react?**
Some bubbles of gas
- 8 The small intestine in an adult is approximately how many metres long?**
6-7 metres long
- 9 What is used to measure the flow of current in a circuit?**
Ammeter
- 10 A pure substance has a melting point which is the same as what?**
Its freezing point
- 11 In the periodic table, the elements are arranged in order of increasing what?**
Proton number
- 12 Which type of energy is stored energy in a stretched rubber band?**
Elastic
- 13 An athlete runs 1 kilometre in 100 seconds. Her speed in metres per second is what?**
10 metres per second

- 14 **What is weight measured in?**
Newtons
- 15 **When zinc carbonate reacts with dilute hydrochloric acid the three products are what?**
Zinc chloride, carbon dioxide, water
- 16 **Animals with a backbone are called what?**
Vertebrates
- 17 **Muscles are joined to the bones by what?**
Tendons
- 18 **Of these three - Aluminium: Water: Lead - which is the most dense substance?**
Lead
- 19 **What does lipase break down?**
Fat
- 20 **How would you separate a mixture of iron filings and sulphur?**
Use a magnet
- 21 **How many breaks does a complete circuit have?**
None
- 22 **In a ray diagram, a normal is a line drawn how many degrees to the mirror's surface?**
90 degrees
- 23 **How many enzymes does the pancreas make?**
Three
- 24 **At which range of temperatures do enzymes work best?**
30-40°C
- 25 **C is the correct chemical symbol for what?**
Carbon
- 26 **Is chloroplast present in an animal cell?**
No

- 27 **Which type of energy is given out by a luminous object?**
Light
- 28 **Which one of the following four is NOT a mixture? - Coca Cola: Methane: Crude Oil: Milk**
Methane
- 29 **What is listed in the Periodic Table?**
Elements
- 30 **A car travels at 50mph for 2 hours. How far does it go?**
100 miles
- 31 **What is pressure measured in?**
Pascals
- 32 **What is a feature of a ciliated cell?**
Has hairs
- 33 **The most abundant metal in the Earth's crust is what?**
Aluminium
- 34 **In plants, which organ is used to absorb water?**
Root hair
- 35 **What is the name for group 8 in the periodic table?**
Noble gases
- 36 **In which cells does respiration occur?**
All cells
- 37 **Which part of the cell passes on information to new cells?**
Nucleus
- 38 **Why are wires usually coated in plastic?**
Plastic is an insulator

- 39 **The method used to separate coloured dyes in ink is called what?**
Chromatography
- 40 **What is the unit of energy?**
A joule
- 41 **Which two organs can be damaged by drinking too much alcohol?**
Brain and liver
- 42 **How long would it take to travel 300,000m at a speed of 60km per hour?**
5 hours
- 43 **Which was the first planet known to have rings?**
Saturn
- 44 **Ecstasy is an example of what type of drug?**
An hallucinogen
- 45 **What is our solar system a part of?**
Milky Way
- 46 **Of these four - Incisor: Feline: Canine: Molar - which is NOT a type of tooth?**
Feline
- 47 **Which microbe can be killed by antibiotics?**
Bacteria
- 48 **What is starch broken down into?**
Glucose
- 49 **How does decreasing the length of a guitar string change its vibration?**
Increases frequency
- 50 **Does a trout have a backbone?**
Yes

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