

# Printed Quiz | Secondary Schools | KS3 Curriculum | 2 Teams (2)

## About This Quiz:

This printed quiz is for use with primary school students in 2 opposing teams and assumes that a quiz master will read out the questions. The questions are a mix of KS3 curriculum subjects and general knowledge appropriate for this age group. The Education Quizzes website contains many different [school quizzes](http://www.educationquizzes.com) that can be used by teachers free of charge.

### Notes for Quiz-Master:

- 1 Red text describes the different sections of the quiz
- 2 Bold, black text are questions
- 3 Normal, black text are answers
- 4 Blue text are descriptions of themes that need to be read to the contestants
- 5 Boxes to the left of the answers are for score recording

**3 questions addressed to most senior member of Team A**

- 1 How do you spell DISTIL (to make an extract by first evaporating liquid and then condensing the vapour)?

A  distil

- 2 Due to severe weather, a polar bear colony goes from 328 bears to 246. What percentage decrease is this?

A  25%

- 3 If an atom has 3 electrons and has a neutral charge, how many protons does it contain?

A  3

**3 questions addressed to most senior member of Team B**

- 4 How do you spell CONJUNCTION (a word used to join other words or phrases together into sentences)?

B  Conjunction

- 5 By adding (or subtracting) one equation from another we have concluded that y has a value of 5 in the equation  $8x - 3y = 17$ . What is the value for x?

B  4

- 6 In chemistry, what is a reversible reaction?

B  A reaction that can proceed in both directions

**3 questions addressed to second most senior member of Team A**

- 7 How do you spell CHARACTER (a person represented in a work of fiction)?

A  Character

- 8 What is  $22.7 - 4.13 + 0.008$ ?

A  18.578

- 9 In which month is the winter solstice in the Northern Hemisphere?

A  December

**3 questions addressed to second most senior member of Team B**

- 10 How do you spell WEIRD (having an unusually strange character or behaviour)?

B  Weird

11 Anne has a collection of 483 stamps. Two friends want the same hobby so Anne shares her stamps between the three of them. How many does each person get?

161

12 What is the shape of the path of a planet moving round the Sun?

an ellipse

**3 questions addressed to third most senior member of Team A**

13 What does the prefix 'Cent' (as in 'Centurion') mean?

A hundred

14 What is  $783.76 - 2.13$ ?

781.63

15 In terms of speed, what does MPH stand for?

Miles per hour

**3 questions addressed to third most senior member of Team B**

16 A letter beginning with 'Dear Sir/Madam,' should end with what?

Yours faithfully,

17 A greyhound runs an average of 37.5mph. A hare runs an average of 44.7mph. How much faster can the hare run?

7.2 mph

18 How often does the Moon complete one orbit of the Earth?

Every 28 days

**3 questions addressed to fourth most senior member of Team A**

19 How do you spell MODEL (a small three-dimensional version of a larger object)?

model

20 Sam bought 4 boxes of chocolates at £6.00 each. How much did he spend altogether?

£24

21 A car travels at 40mph for 60 minutes. How far does it go?

40 miles

**3 questions addressed to fourth most senior member of Team B**

22 How many vowels are there in the word 'BIRTHDAY'?

|   |  |
|---|--|
| B |  |
|---|--|

2

23 What comes next - 1.2, 1.25, 1.3, 1.35?

|   |  |
|---|--|
| B |  |
|---|--|

1.4

24 An athlete runs 1 kilometre in 100 seconds. Her speed in metres per second is what?

|   |  |
|---|--|
| B |  |
|---|--|

10 metres per second

**Three Physics questions on hydraulics**

**3 questions addressed to Team A**

25 The unit of pressure is named after a French mathematician. What is his surname?

|   |  |
|---|--|
| A |  |
|---|--|

Pascal

26 How is pressure distributed in a liquid?

|   |  |
|---|--|
| A |  |
|---|--|

Equally in all directions

27 What is the pressure of a system which experiences a force of 100 Newtons and has an area of 10 metres square?

|   |  |
|---|--|
| A |  |
|---|--|

10 Pascals

**3 questions addressed to Team B**

28 Which of the following three - Mobile phone: Digger: Printer - can benefit from the use of hydraulics?

|   |  |
|---|--|
| B |  |
|---|--|

Digger

29 What is the length (in metres) of a rectangle within a hydraulic system having a width of 5m which has a pressure of 15Pa and experiences a force of 15N?

|   |  |
|---|--|
| B |  |
|---|--|

0.2m

30 A 2cm x 5cm rectangle within a hydraulic system experiences a force of 50N. What is the pressure within the system?

|   |  |
|---|--|
| B |  |
|---|--|

50,000Pa

## Let's take a look at the vast subject of Food

### 3 questions addressed to Team A

31 Additives must be shown by name and which letter followed by a number?

|   |  |
|---|--|
| A |  |
|---|--|

E

32 Grapefruits, oranges, lemons and limes are high in which vitamin?

|   |  |
|---|--|
| A |  |
|---|--|

C

33 The taste buds in the tongue can detect four basic flavours - what are they?

|   |  |
|---|--|
| A |  |
|---|--|

Sour, sweet, salt and bitter

### 3 questions addressed to Team B

34 Bread, sugar, potatoes and pasta are all types of which food?

|   |  |
|---|--|
| B |  |
|---|--|

carbohydrates

35 There are three sorts of raising agent. What are they?

|   |  |
|---|--|
| B |  |
|---|--|

Mechanical, chemical and biological

36 In a sponge cake, which ingredient acts as a binding agent?

|   |  |
|---|--|
| B |  |
|---|--|

Egg

## These questions will test you on the Government

### 3 questions addressed to Team A

37 At what age can you vote in a General Election?

|   |  |
|---|--|
| A |  |
|---|--|

18

38 Parties publish a booklet outlining promises and plans if they are elected. What is this booklet called?

|   |  |
|---|--|
| A |  |
|---|--|

Manifesto

39 'Suffragette' derives from the word 'suffrage'. What does suffrage mean?

|   |  |
|---|--|
| A |  |
|---|--|

The right to vote

### 3 questions addressed to Team B

40 Which Party traditionally wear blue rosettes at elections?

|   |  |
|---|--|
| B |  |
|---|--|

The Conservative Party

41 Which two parties merged in 1988 to become the Liberal Democrat Party?

|   |  |
|---|--|
| B |  |
|---|--|

The Liberal Party and the Social Democrat Party

42 At each budget announcement, the Chancellor holds up a Budget Box to the cameras. What colour is the box?

|   |  |
|---|--|
| B |  |
|---|--|

Red

**58 questions of "Finger on the buzzer"**

43 If speech is silver, what is golden?

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

Silence

44 Which bone is the hardest in the human body?

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

The jaw

45 In Christianity, the Trinity is represented by which number?

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

3

46 Which racing creatures live in lofts?

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

Pigeons

47 What colour are the spots on a fish known as a plaice?

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

Orange

48 What game is being played on the back of a £10 note?

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

Cricket

49 The area drained by a river is the drainage...what?

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

Basin

50 How do anaconda's victims die?

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

Suffocation

51 Which sea did Moses walk through in the Bible?

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

The Red Sea

52 What colour are fully ripened olives?

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

Black

53 Which classical musical instrument would you associate with Sir Yehudi Menuhin?

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

Violin

54 **Spell "Excitement"**

A

B

EXCITEMENT

55 **What is the capital city of Iraq?**

A

B

Baghdad

56 **In Music, what does a key signature illustrate?**

A

B

Which and how many sharps/flats are used in the music

57 **Where in the head is the auditory canal?**

A

B

In the ear

58 **What sort of bird is a Merlin?**

A

B

Falcon

59 **A new J D Wetherspoon pub has opened recently - why was it in the news?**

A

B

It is located at a motorway services

60 **How many holes are most major golf tournaments played over?**

A

B

72

61 **What is French for "Nothing much"?**

A

B

Pas grand chose

62 **What is the French word for butterfly?**

A

B

Papillon

63 **In terms of ICT, what is a font?**

A

B

A character style

64 **In German, how would you ask someone if they speak English?**

A

B

Sprechen Sie Englisch?

65 **In bungee-jumping, what is a bungee?**

A

B

A rope

66 **Which Canadian star may be getting charged for recently throwing eggs at his neighbour's house?**

A

B

Justin Beiber

67 **HEP is a type of power. What does the letter 'H' stand for?**

A

B

Hydro

68 **What kind of flower can be a goldilocks?**

A buttercup

69 **Who had a number one with the song "Number 1" in May 2009?**

Tinchy Stryder/N-Dubz

70 **Bewick, Black and Whopper are all types of what?**

Swan

71 **The UK is said to be religiously diverse but what does this mean?**

There are many different religious groups

72 **Where are the sweat glands of a cow?**

The nose

73 **Fergie, Will.i.am, Taboo and apl.de.ap form what band?**

Black Eyed Peas

74 **"I wake up just to go back to sleep" are the lyrics to which song by Dizzee Rascal?**

Bonkers

75 **What is a water moccasin?**

Snake

76 **Where is a bird's patella?**

Knee

77 **For what purpose does a glow worm glow?**

To attract mates

78 **What are the lines called on which music is written?**

Staff/Stave

79 **Which childhood disease has the same virus as shingles?**

Chicken Pox

80 **What were sometimes handed out as a symbol of cowardice during world war one?**

White feathers



- 81 **Which animals live in a holt?**  
A   B   Otters
- 82 **In Sikhism, Singh (lion) is added to a baby boy's surname and Kaur is added to a girl's surname. What is the translation of Kaur?**  
A   B   Princess
- 83 **What colour are dalmations when they are born?**  
A   B   White
- 84 **A £3 million rehabilitation centre is being built in North Yorkshire for injured sports people. Name the sport.**  
A   B   Horseracing (jockeys)
- 85 **In late 1066, where did William of Normandy land?**  
A   B   Pevensey Bay
- 86 **How many carats are there in pure gold?**  
A   B   24
- 87 **How many teeth do human adults normally have?**  
A   B   32
- 88 **What is the best hand in a game of poker?**  
A   B   Royal flush
- 89 **The use of tremolo in film is most commonly found in which genre of film?**  
A   B   horror films - often played on an organ
- 90 **Due to recent launches in technology, what has China lifted a ban on?**  
A   B   Video Games Consoles
- 91 **What do alligators lay their eggs in?**  
A   B   Sand
- 92 **In the old saying, how many makes a crowd if two are company?**  
A   B   Three
- 93 **Spell "Knowledge"**  
A       B       KNOWLEDGE

94 **A famous king's skeleton was found in Leicester last year - name the king.**

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

Richard III

95 **Where is the pituitary gland?**

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

Base of the brain / the brain

96 **Which word describes both a blunt sword and a very thin sheet of metal?**

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

Foil

97 **Which is England's largest castle?**

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

Windsor

98 **Which country produces more than 70% of the world's olive oil?**

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

Greece

99 **Who is the only known unmarried person in Cluedo?**

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

Miss Scarlet

100 **Who said, "Float like a butterfly, sting like a bee"?**

|   |  |
|---|--|
| A |  |
|---|--|

|   |  |
|---|--|
| B |  |
|---|--|

Muhammad Ali