

Question 1.

What is a 'microbe'?

- a) A virus
- b) A bacterium
- c) A fungus
- d) A parasite
- e) All of the above

(Answer: e. A microbe is a micro-organism too small to be seen with the naked eye.)

Question 2.

A bacterium is smaller than a virus? True or false

(Answer: False. A virus is much smaller than a bacterium.)

Question 3.

What is MRSA?

- a) A space agency
- b) A type of virus
- c) A type of bacteria
- d) The Irish Motorway and Road Safety Association
- e) None of the above

(Answer: C. MRSA is short for Methicillin-resistant *Staphylococcus aureus*. It is resistant to many antibiotics and often found in hospitals where it can be very dangerous to patients.)

Question 4.

The word *Probiotics* means....

- a) Destruction of life
- b) For life
- c) Robot life
- d) Food for life
- e) None of the above

(Answer: b. The word Probiotic means 'for life'.)

Question 5.

Bacteria help you digest your food? True or false?

(Answer: True. There are many different types of bacteria in your gut that help to digest the food you eat.)

Question 6.

Microbes are called, microbes because....?

- a) they are killed by micro-waves
- b) you can hear them when they are near a micro-phone
- c) they are so small, they can only be seen using a micro-scope
- d) they have micro-chips that help them remember information
- e) None of the above

(Answer: c. The word 'micro' means small.)

Question 7.

Where do bacteria live in your body?

- a) In your mouth
- b) In your gut
- c) Up your nose
- d) On your skin
- e) All of the above

(Answer: e. Bacteria live everywhere in, on and around you!)

Question 8.

GI Jake is called a *bifidobacterium* because the word 'bifido' means...?

- a) two ears
- b) two shades of green
- c) two joined bacteria
- d) two lobes
- e) none of the above

(Answer: d. The word 'bifido' means, two lobes.)

Question 9.

Viruses are parasites? True or false?

(Answer: True – they cannot survive on their own and live in or on another organism.)

Question 10.

A parasite can live anywhere? True or false?

(Answer: False. A parasite can only survive by living in or on another organism.)

Question 11.

All bacteria are bad! True or false?

(Answer: False. 95% of bacteria are harmless or help to keep you healthy!)

Question 12.

How many different species of bacteria live in your gut and help to keep you healthy?

- a) 10
- b) 100
- c) 200
- d) 400
- e) More than 400!

(Answer: e. More than 400 different species of bacteria live in your gut! They are essential for your intestine to function efficiently and fight disease and infections, keeping you healthy!)

Question 13.

An adult human gut is home to almost 2 kilograms of friendly bacteria! True or false?

(Answer: True! When you are an adult, you will have about 2 kilograms of good bacteria in your gut, keeping you healthy. That's the same weight as two bags of sugar!)

Question 14.

Your body has two main defences against disease or invaders? True or False?

(Answer: True. Your body has a first line of defence on the outside and a second line of defence on the inside. Both work very hard to fight any invaders that are on or inside your body.)

Question 15.

How long have micro-organisms been alive?

- a) fifty years
- b) hundreds of years
- c) thousands of years
- d) millions of years
- e) None of the above

(Answer: d. Micro-organisms are among the earliest forms of life on earth and they have been alive for millions of years!)

Question 16.

Does a virus cause....

- a) chickenpox
- b) flu
- c) measles
- d) a cold
- e) all of the above

(Answer: e. a different virus is responsible for all of these diseases and more! Antibiotics have no effect on a virus, only on bacteria so there is no point taking an antibiotic if you have a virus because it won't work!)

Question 17.

You can eat some types of fungi - True or false?

(Answer: True. Fungi like some types of mushrooms and yeast (in, for example, bread) are used in the food industry and are eaten every day.)

Question 18.

What shape are bacteria?

- a) rod
- b) sphere
- c) spiral
- d) none of the above
- e) all of the above

(Answer: e. Bacteria have lots of shapes and can be rods, spheres or spirals. These shapes can only be seen under a microscope.)

Question 19.

Bacteria cannot live in very hot or very cold temperatures. True or false?

(Answer: False. Bacteria have learnt to live in every type of environment on earth, including very hot places like deserts and very cold places like the North Pole!)

Question 20.

Viruses can infect other micro-organisms like bacteria? True or false?

(Answer: True. Viruses that infect bacteria are called bacteriophages.)