Digestion

Organisms 3.8.4 | Part 2, usually Year 8 | 20 quick questions

KS3 science quick questions

Answer online, marked instantly

Activate 2: Health and lifestyle | Exploring Science 8A

Name: _____ **Date:** _____ **Score:** _____ **/ 20**

1 Pasta, rice and bread are rich in which nutrient that gives you energy?

2 Which nutrient do you need for growth and repair? Eggs, beans and fish are good sources.

3 Butter and olive oil are rich in which nutrient that stores energy and keeps you warm?

4 Which part of food cannot be digested but keeps food moving through the gut? Answer in one word.

5 Which vitamin, found in oranges and peppers, prevents the disease scurvy?

6 Which mineral, found in milk and cheese, is needed for strong bones and teeth?

7 What is the name for a diet with the right amounts of all the nutrients your body needs?

8 Someone regularly eats more energy than they use. Over time, what happens to their body mass? Answer in one word.

9 Which muscular bag mixes food with acid after you swallow it?

10 In which organ are small food molecules absorbed into the blood?

11 In which organ is water absorbed back into the body from leftover food?

12 Which tube carries food from your mouth to your stomach?

13 What is the name for the proteins that break large food molecules into small ones?

14 Which type of enzyme breaks down starch into sugars?

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15 Which type of enzyme breaks down proteins into amino acids?

Year 9 stretch

16 Lipase breaks lipids down into fatty acids and which other small molecule?

17 Which liquid, made by the liver and stored in the gall bladder, breaks fat into small droplets?

18 Explain how the tiny finger-like villi help the small intestine absorb food.

19 A snack bar contains 400 kJ of energy per 100 g. How much energy is in a 25 g bar? Give your answer in kJ.

20 Helpful microorganisms living in your large intestine make vitamin K for you. What type of microorganism are they?

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