5th Grade Life Science

Section 1 - Multiple Choice

1) Which structure helps to transport food from the mouth to the stomach in the human digestive system?
   (a) Small intestine
   (b) Esophagus
   (c) Colon
   (d) Veins

2) Which system transports nutrients and oxygen to the entire human body?
   (a) Digestive
   (b) Circulatory
   (c) Nervous
   (d) Immune

For questions 3-4

3) When blood is pumped by the heart to the lungs, what is it carrying?
   (a) Carbon dioxide
   (b) Oxygen
   (c) Water
   (d) Nutrients

4) When blood leaves the lungs, what is it carrying?
   (a) Carbon dioxide
   (b) Oxygen
   (c) Water
   (d) Nutrients
5) Waste leaves the body through the-
   (a) small intestine.
   (b) stomach.
   (c) colon.
   (d) esophagus.

6) What function does the esophagus play in digestion?
   (a) Creates enzymes to break down food
   (b) Absorbs nutrients from food
   (c) Squeezes and transfers food to the stomach
   (d) Grinds food into smaller pieces

7) Which of these organs does food pass through last?
   (a) Small intestine
   (b) Large intestine
   (c) Stomach
   (d) Esophagus

8) Which job do the kidneys perform?
   (a) Remove cellular waste from blood
   (b) Absorb nutrients from food
   (c) Regulate the temperature of the body
   (d) Release acids that aid the stomach in food digestion

9) What organ stores urine?
   (a) Kidney
   (b) Intestine
   (c) Bladder
   (d) Liver

10) What happens to most of the cellular waste removed from blood?
    (a) It leaves the body as sweat.
    (b) It leaves the body as urine.
    (c) It is recycled in the bladder.
    (d) It is recycled in the liver.
11) How do kidneys help the body?
(a) They store urine.
(b) They release enzymes.
(c) They clean blood.
(d) They absorb nutrients.

12) Sugar is created in what part of a plant?
(a) The roots
(b) The stem
(c) The leaves
(d) The flowers

13) What is the main substance transported from a plant’s roots?
(a) Soil
(b) Sugar
(c) Minerals
(d) Water

14) What is transported by phloem?
(a) Soil
(b) Sugar
(c) Minerals
(d) Water

For question 15

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15) Carbon dioxide produced by animals is first used by-
(a) cars.
(b) other animals.
(c) plants.
(d) decomposers.

16) Most of the energy plants need in order to grow and reproduce comes from-
(a) oxygen.
(b) sunlight.
(c) dirt.
(d) rain.

17) What do plants need to transform the energy of the Sun into chemical energy?
(a) Water and oxygen
(b) Water and carbon dioxide
(c) Soil and water
(d) Carbon dioxide and oxygen

18) Which organisms uses the energy from sunlight to create food?
(a) Fungi only
(b) Plants only
(c) Animals only
(d) All organisms

19) What do plant cells and animal cells have in common?
(a) They both make food from sunlight.
(b) They both contain chloroplasts.
(c) They both release oxygen as a waste product.
(d) They both break down sugar.

20) Which of the following is released when cells break down a substance to obtain energy?
(a) Oxygen and water
(b) Carbon dioxide and water
(c) Oxygen and sugar
(d) Carbon dioxide and sugar
Answer Key

Section 1 - Multiple Choice

1) b
2) b
3) a
4) b
5) c
6) c
7) b
8) a
9) c
10) b
11) c
12) c
13) d
14) b
15) c
16) b
17) b
18) b
19) d
20) b