

CHAPTER 6

Question 1: The process of breaking down complex food substances into simpler substances is called:

- a) Digestion
- b) Assimilation
- c) Absorption
- d) Ingestion

Answer: a) Digestion

Question 2: Which of the following is NOT a function of the liver?

- a) Production of bile
- b) Storage of glucose
- c) Production of insulin
- d) Detoxification of harmful substances

Answer: c) Production of insulin

Question 3: The process of taking in oxygen and giving out carbon dioxide is called:

- a) Respiration
- b) Digestion
- c) Circulation
- d) Excretion

Answer: a) Respiration

Question 4: Which of the following is NOT a part of the human alimentary canal?

- a) Mouth
- b) Stomach
- c) Liver
- d) Small intestine

Answer: c) Liver

Question 5: The process of absorption of digested food occurs in which part of the digestive system?

- a) Mouth
- b) Stomach
- c) Small intestine
- d) Large intestine

Answer: c) Small intestine

Question 6: Which of the following is NOT a type of respiration?

- a) Aerobic respiration
- b) Anaerobic respiration
- c) External respiration
- d) Internal respiration

Answer: c) External respiration

Question 7: Which of the following is NOT a function of the kidneys?

- a) Regulation of water balance
- b) Regulation of salt balance
- c) Production of insulin
- d) Removal of metabolic wastes

Answer: c) Production of insulin

Question 8: Which of the following is NOT a type of blood vessel?

- a) Artery
- b) Vein
- c) Capillary
- d) Bronchiole

Answer: d) Bronchiole

Question 9: The process of removal of undigested waste material from the body is called:

- a) Digestion

- b) Absorption
- c) Assimilation
- d) Excretion

Answer: d) Excretion

Question 10: Which of the following is NOT a function of the respiratory system?

- a) Exchange of gases
- b) Transport of nutrients
- c) Regulation of blood pH
- d) Production of sound

Answer: b) Transport of nutrients

Question 11: The process of taking food into the body is called:

- a) Digestion
- b) Absorption
- c) Assimilation
- d) Ingestion

Answer: d) Ingestion

Question 12: Which of the following is NOT a component of the circulatory system?

- a) Heart
- b) Blood vessels
- c) Blood
- d) Lungs

Answer: d) Lungs

Question 13: Which of the following is NOT a part of the human respiratory system?

- a) Nose
- b) Larynx
- c) Trachea
- d) Liver

Answer: d) Liver

Question 14: The process of breaking down glucose to release energy in the absence of oxygen is called:

- a) Aerobic respiration
- b) Anaerobic respiration
- c) External respiration
- d) Internal respiration

Answer: b) Anaerobic respiration

Question 15: Which of the following is NOT a function of the skin?

- a) Protection from injury and infection
- b) Regulation of body temperature
- c) Production of digestive enzymes
- d) Sensation of touch, pressure, and temperature

Answer: c) Production of digestive enzymes

Question 16: The process of removing excess water and metabolic wastes from the body in the form of urine is called:

- a) Digestion
- b) Absorption
- c) Assimilation
- d) Excretion

Answer: d) Excretion

Question 17: Which of the following is NOT a part of the human excretory system?

- a) Kidneys
- b) Bladder
- c) Liver
- d) Urethra

Answer: c) Liver

Question 18: Which of the following is NOT a type of blood cell?

- a) Red blood cell
- b) White blood cell
- c) Platelet
- d) Neuron

Answer: d) Neuron

Question 19: The process of converting food into a form that can be absorbed and used by the body is called:

- a) Digestion
- b) Absorption
- c) Assimilation
- d) Excretion

Answer: c) Assimilation

Question 20: Which of the following is NOT a function of the human nervous system?

- a) Regulation of body temperature
- b) Sensation of touch, pressure, and temperature
- c) Control of voluntary and involuntary movements
- d) Coordination and integration of body functions

Answer: a) Regulation of body temperature

Question 21: The process of converting light energy into chemical energy in plants is called:

- a) Photosynthesis
- b) Respiration
- c) Digestion
- d) Excretion

Answer: a) Photosynthesis

Question 22: Which of the following is NOT a part of the human digestive system?

- a) Mouth
- b) Stomach

- c) Liver
- d) Lungs

Answer: d) Lungs

Question 23: The process of breaking down food into simpler substances that can be absorbed by the body is called:

- a) Digestion
- b) Absorption
- c) Assimilation
- d) Excretion

Answer: a) Digestion

Question 24: Which of the following is NOT a type of tissue in the human body?

- a) Epithelial tissue
- b) Connective tissue
- c) Nervous tissue
- d) Digestive tissue

Answer: d) Digestive tissue

Question 25: The process of releasing energy from glucose in the presence of oxygen is called:

- a) Aerobic respiration
- b) Anaerobic respiration
- c) External respiration
- d) Internal respiration

Answer: a) Aerobic respiration

Question 26: Which of the following is NOT a part of the human respiratory system?

- a) Bronchi
- b) Alveoli
- c) Diaphragm
- d) Stomach

Answer: d) Stomach

Question 27: The process of moving substances from an area of higher concentration to an area of lower concentration is called:

- A) Diffusion
- b) Osmosis
- c) Active transport
- d) Passive transport

Answer: d) Passive transport

Question 28: Which of the following is NOT a function of the human skeletal system?

- a) Protection of internal organs
- b) Production of blood cells
- c) Regulation of body temperature
- d) Support and movement

Answer: c) Regulation of body temperature

Question 29: The process of breaking down food into simpler substances that can be absorbed by the body is called:

- a) Digestion
- b) Absorption
- c) Assimilation
- d) Excretion

Answer: a) Digestion

Question 30: Which of the following is NOT a type of muscle tissue in the human body?

- a) Skeletal muscle
- b) Smooth muscle
- c) Cardiac muscle
- d) Digestive muscle

Answer: d) Digestive muscle

Question 31: The process of removing waste products from the body is called:

- a) Digestion
- b) Absorption
- c) Assimilation
- d) Excretion

Answer: d) Excretion

Question 32: Which of the following is NOT a type of blood vessel in the human body?

- a) Artery
- b) Vein
- c) Capillary
- d) Bronchus

Answer: d) Bronchus

Question 33: The process of converting food into a form that can be used by the body is called:

- a) Digestion
- b) Absorption
- c) Assimilation
- d) Excretion

Answer: c) Assimilation

Question 34: Which of the following is NOT a part of the human circulatory system?

- a) Heart
- b) Lungs
- c) Blood vessels
- d) Blood

Answer: b) Lungs

Question 35: The process of movement of water molecules from a region of higher concentration to a region of lower concentration through a semi-permeable membrane is called:

- A) Diffusion
- b) Osmosis

- c) Active transport
- d) Passive transport

Answer: b) Osmosis

Question 36: Which of the following is NOT a type of white blood cell in the human body?

- a) Neutrophil
- b) Lymphocyte
- c) Erythrocyte
- d) Monocyte

Answer: c) Erythrocyte

Question 37: The process of breaking down glucose into lactic acid in the absence of oxygen is called:

- a) Aerobic respiration
- b) Anaerobic respiration
- c) External respiration
- d) Internal respiration

Answer: b) Anaerobic respiration

Question 38: Which of the following is NOT a part of the human excretory system?

- a) Kidneys
- b) Liver
- c) Lungs
- d) Skin

Answer: b) Liver

Question 39: The process of movement of substances from an area of lower concentration to an area of higher concentration with the help of energy is called:

- A) Diffusion
- b) Osmosis
- c) Active transport
- d) Passive transport

Answer: c) Active transport

Question 40: Which of the following is NOT a type of connective tissue in the human body?

- a) Bone
- b) Cartilage
- c) Blood
- d) Muscle

Answer: d) Muscle

Question 41: The process of the breakdown of glucose into energy in the presence of oxygen is called:

- A) Aerobic respiration
- b) Anaerobic respiration
- c) External respiration
- d) Internal respiration

Answer: a) Aerobic respiration

Question 42: Which of the following is NOT a part of the human respiratory system?

- a) Lungs
- b) Trachea
- c) Bronchi
- d) Liver

Answer: d) Liver

Question 43: The process of the movement of substances from an area of higher concentration to an area of lower concentration without the help of energy is called:

- A) Diffusion
- b) Osmosis
- c) Active transport
- d) Passive transport

Answer: d) Passive transport

Question 44: Which of the following is NOT a type of tissue in the human body?

- a) Epithelial tissue
- b) Nervous tissue
- c) Connective tissue
- d) Digestive tissue

Answer: d) Digestive tissue

Question 45: The process of the movement of substances from an area of lower concentration to an area of higher concentration with the help of energy is called:

- A) Diffusion
- b) Osmosis
- c) Active transport
- d) Passive transport

Answer: c) Active transport

Question 46: Which of the following is NOT a part of the human digestive system?

- a) Mouth
- b) Stomach
- c) Liver
- d) Lungs

Answer: d) Lungs

Question 47: The process of the movement of substances across a membrane with the help of a carrier protein is called:

- A) Diffusion
- b) Osmosis
- c) Active transport
- d) Facilitated diffusion

Answer: d) Facilitated diffusion

Question 48: Which of the following is NOT a type of carbohydrate?

- a) Glucose
- b) Starch

c) Sucrose

d) Insulin

Answer: d) Insulin

Question 49: Which of the following is NOT a part of the human nervous system?

a) Brain

b) Spinal cord

c) Nerves

d) Blood vessels

Answer: d) Blood vessels

Question 50: The process of the movement of air into and out of the lungs is called:

a) Respiration

b) Breathing

c) Osmosis

d) Diffusion

Answer: b) Breathing