Animals and Plants: Structure and Function — Practice Test

Ontario Biology, Grade 11, University Preparation (SBI3U) • 10 questions

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Which plant tissue is dead at maturity and provides support and water transport?**

A Phloem

B Mesophyll

C Xylem

D Epidermis

Understand It with Pulse | Flag a mistake

2 **A plant wilts when it loses water faster than it absorbs water because its cells lose**

A chlorophyll

B sugar

C oxygen

D turgor pressure

Understand It with Pulse | Flag a mistake

3 **The diaphragm and intercostal muscles are involved in**

A breathing movements

B digestion

C blood clotting

D hormone release

Understand It with Pulse | Flag a mistake

4 **During inhalation, the diaphragm**

- A relaxes and moves up
- B contracts and flattens, increasing chest volume
- C stops working
- D pushes air out of the lungs

Understand It with Pulse | Flag a mistake

5 **Which system transports hormones around the human body?**

- A Nervous system only
- B Digestive system
- C Circulatory system
- D Respiratory system

Understand It with Pulse | Flag a mistake

6 **Skeletal muscle is attached to bone by**

A ligaments

B cartilage only

C nerves

D tendons

Understand It with Pulse | Flag a mistake

7 **A joint is held together by**

A ligaments

B tendons

C muscle fibres only

D blood vessels

Understand It with Pulse | Flag a mistake

8 **Plants respond to light by growing toward it. This response is called**

A gravitropism

B phototropism

C thigmotropism

D chemotropism

Understand It with Pulse | Flag a mistake

9 **Plant roots growing downward in response to gravity show**

A phototropism

B thigmotropism

C gravitropism

D photoperiodism

Understand It with Pulse | Flag a mistake

10 **The large intestine mainly absorbs**

A nutrients and proteins

B oxygen

C bile

D water and some vitamins, and forms faeces

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	C	**5.**	C	**9.**	C
2.	D	**6.**	D	**10.**	D
3.	A	**7.**	A		
4.	B	**8.**	B		

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