NOVA SCOTIA ADVANCED BIOLOGY 11 · UNIT B

Biodiversity — Practice Test

Nova Scotia Advanced Biology 11 • 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 **Diatoms are important producers in**

- A deserts
- B forests only
- C tundra only
- D aquatic ecosystems

Understand It with Pulse | Flag a mistake

2 **Echinoderms such as starfish show symmetry that is**

A radial in adults

B bilateral only

C absent

D asymmetric always

Understand It with Pulse | Flag a mistake

3 **Ferns reproduce using**

A spores

B seeds

C flowers

D cones only

Understand It with Pulse | Flag a mistake

4 **Homologous structures suggest a**

A same habitat only

B common ancestor

C same diet only

D convergent design only

Understand It with Pulse | Flag a mistake

5 **Molecular evidence for classification comes mainly from comparing**

A leaf shapes only

B animal sounds

C DNA sequences

D soil types

Understand It with Pulse | Flag a mistake

6 **Mosses lack true**

A chlorophyll

B vascular tissue

C cells

D spores

Understand It with Pulse | Flag a mistake

7 **Seed plants spread to new areas mainly by**

A root growth only

B leaf fall only

C water uptake

D dispersal of seeds

Understand It with Pulse | Flag a mistake

8 **Segmented worms belong to the group called**

A arthropods

B annelids

C molluscs

D cnidarians

Understand It with Pulse | Flag a mistake

9 **Sexual reproduction increases diversity through**

A cloning only

B genetic recombination

C cell division only

D mutation alone

Understand It with Pulse | Flag a mistake

10 **The three domain system groups life into Bacteria, Archaea and**

A Plantae

B Fungi

C Protista

D Eukarya

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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