NEWFOUNDLAND AND LABRADOR BIOLOGY 3201 · UNIT D

Evolution, Change and Diversity — Practice Test

Newfoundland and Labrador Biology 3201 • 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 domain includes E. coli and other organisms without a nucleus?**

- A Eukarya
- B Bacteria
- C Archaea only
- D Protista only

Understand It with Pulse | Flag a mistake

2 **Humans belong to the order**

A Carnivora

B Rodentia

C Primates

D Cetacea

Understand It with Pulse | Flag a mistake

3 **Biogeography supports evolution by showing that species on isolated islands are most similar to species on the**

A farthest continent

B deep ocean floor

C polar regions

D nearest mainland

Understand It with Pulse | Flag a mistake

4 **Convergent evolution produces similar traits in unrelated species living in**

A similar environments

B different environments

C laboratories only

D fossil beds only

Understand It with Pulse | Flag a mistake

5 **Allele frequencies are p = 0.7 and q = 0.3 . The heterozygote frequency is 0.42 . In 1000 individuals , the expected number of heterozygotes is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **In a population of 2000, the recessive phenotype frequency is 0.25. The expected number with the recessive phenotype is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A population grows from 300 to 360. The increase in individuals is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A sample of 400 moths has 320 dark moths. The dark moths per 100 moths is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A count falls from 500 to 450. The decrease is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **In 1500 individuals, 1 in 5 shows a trait. The number showing the trait is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	B	**5.**	420	**9.**	50
2.	C	**6.**	500	**10.**	300
3.	D	**7.**	60		
4.	A	**8.**	80		

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