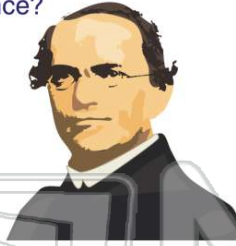




Name _____ Class _____ Date _____

1 **Gregor Mendel** laid the foundation for what field of science?

- A biology
- B ecology
- C genetics
- D botany



2 What kind of **plant** did Gregor Mendel test the most?

- A corn
- B grass
- C roses
- D peas



3 What is a **characteristic** that Gregor Mendel looked for on his pea plants?

- A how long the stems were on the plant
- B the quality of the soil the plant was planted in



4 In studying **genetics**, what did Gregor Mendel notice about the pea plants he studied?

- A the plants grew better with a lot of sunlight
- B the plants grew better with good soil
- C the plants needed a lot of water



5



PREVIEW

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- B It is the different forms of a gene.
- C It is how a gene is chosen.
- D It is the best gene.

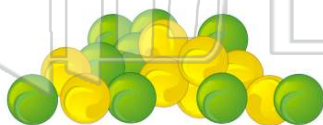


- B 2
- C 3
- D 4



9 Organisms receive **one allele** for every **gene**.

- A true
- B false



10 A **dominant allele** _____.

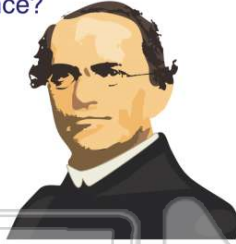
- A overpowers and masks the other allele
- B is better than other alleles
- C is worse than other alleles
- D is masked by another allele



ANSWER KEY

Gregor Mendel laid the foundation for what field of science?

- A** biology
- B** ecology
- C** genetics
- D** botany



(c)

What kind of **plant** did Gregor Mendel test the most?

- A** corn
- B** grass
- C** roses
- D** peas



(d)

What is a **characteristic** that Gregor Mendel looked for on his pea plants?

- A** how long the stems were on the plant
- B** the quality of the soil the plant was planted in
- C** how much sunlight the plant needed
- D** the color of the flowers



(a)

In studying **genetics**, what did Gregor Mendel notice about the pea plants he studied?

- A** the plants grew better with a lot of sunlight
- B** the plants grew better with good soil
- C** the plants needed a lot of water
- D** that some of the pea plants had similar traits



(d)



PREVIEW

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- C** It is how a gene is chosen.
- D** It is the best gene.

D 4

Organisms receive **one allele** for every **gene**.

- A** true
- B** false



(b)

A **dominant allele** _____.

- A** overpowers and masks the other allele
- B** is better than other alleles
- C** is worse than other alleles
- D** is masked by another allele

(a)