

سؤال 1:

الدرجة : 1 / 1

When Gregor Mendel crossed a yellow pea plant and a green pea plant, he noticed the offspring of the cross produced nothing but

☐ green peas☒ yellow peas☐ yellow and green peas both<https://t.me/+rMZjM1InA3g4NThk>

سؤال 2:

الدرجة : 1 / 1

When he allowed the peas to grow and self fertilize, he saw a combination of yellow peas and green peas. He called the form of the trait that appeared in the first generation

☒ dominant<https://t.me/+rMZjM1InA3g4NThk>

سؤال 2:

الدرجة : 1 / 1

When he allowed the peas to grow and self fertilize, he saw a combination of yellow peas and green peas. He called the form of the trait that appeared in the first generation

☒ dominant☐ recessive☐ mutant

سؤال 3:

الدرجة : 1 / 1

The trait that was masked in first generation is called _____.

☐ dominant☒ recessive

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سؤال 3:

الدرجة : 1 / 1

The trait that's masked in first generation is called _____.

dominant ☐

✓ recessive ☒

mutant ☐

<https://t.me/+rMZjM1InA3g4NThk>

سؤال 4:

الدرجة : 1 / 1

Who is considered the "Father of Genetics?"

James Watson ☐

Francis Crick ☐

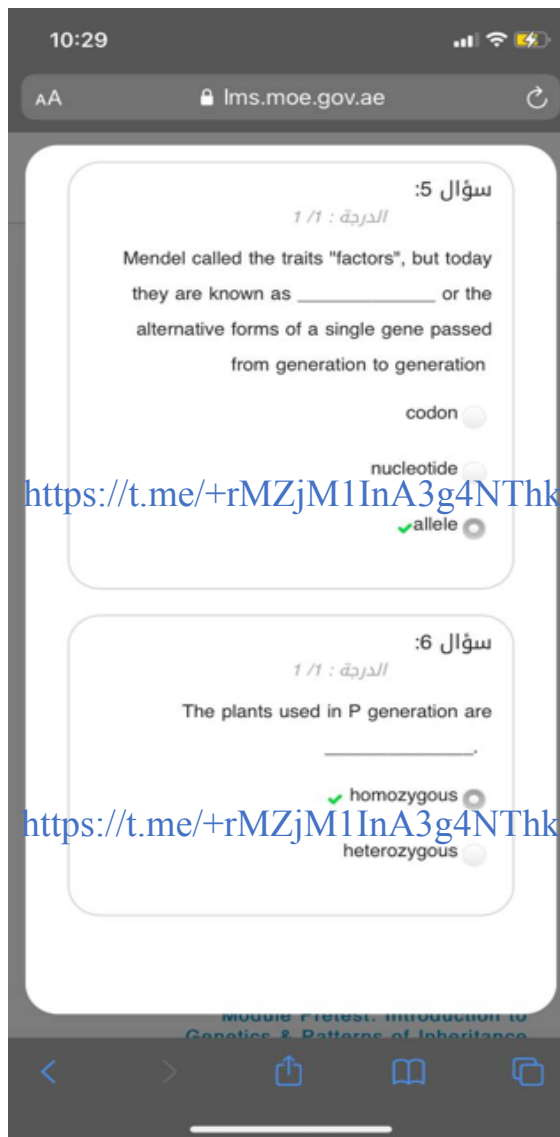
✓ Gregor Mendel ☒

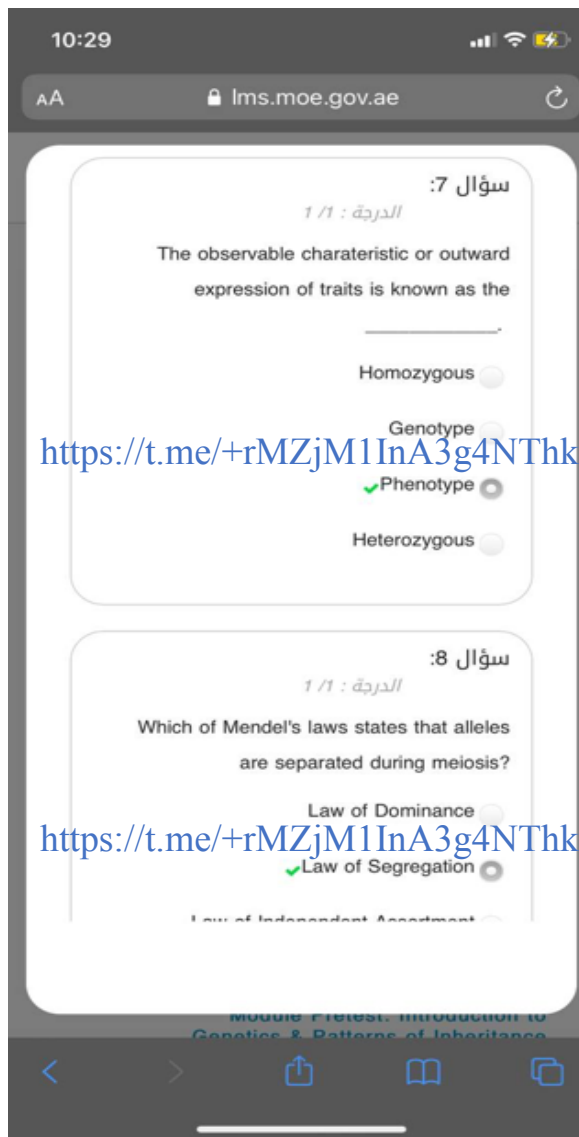
Albert Einstein ☐

<https://t.me/+rMZjM1InA3g4NThk>

Module 1 test: Introduction to Genetics & Patterns of Inheritance







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سؤال 9:

الدرجة : 1 / 1

Which of the following is not true about the law of segregation?

The law of segregation states that two alleles for each trait separate during ☐ meiosis.

The law of segregation implies that ☐ hybrids are heterozygous organisms.

The law of segregation states that ☒ genes on separate chromosomes will sort independently during meiosis.

The law of segregation implies that each gamete from a yellow pea and from a ☐ green pea contains one allele.

سؤال 10:

الدرجة : 1 / 1

Module Pretest: Introduction to Genetics & Patterns of Inheritance



✓ genes on separate chromosomes will
sort independently during meiosis

The law of segregation implies that each
gamete from a yellow pea and from a
green pea contains one allele

سؤال 10:

الدرجة : 1 / 1

Which of Mendel's laws states that alleles
for different genes are distributed to
gametes independently of one another?

Law of Dominance ☐

Law of Segregation ☐

✓ Law of Independent Assortment ☒

Law of Meiosis ☐

<https://t.me/+rMZjM1InA3g4NThk>