

Question # 7 of 7 (Start time: 09:46:03 PM, 08 July 2022)

Total Marks: 1

_____ is an individual's observable traits, such as height, eye color, and blood type

Select the correct option

[Reload Math Equations](#)

- ☐ Trait
- ☐ Genotype
- ☒ Phenotype
- ☐ Genetics

[Click to Save Answer & Move to Next Question](#)

BIO301:Quiz no.2

Quiz Start Time: 09:41 PM, 08 July 2022

Question # 6 of 7 (Start time: 09:45:15 PM, 08 July 2022)

Total Marks: 1

Which of the following statements concerning prokaryote genomic features is incorrect?

Select the correct option

[Reload Math Equations](#)

- ☐ Prokaryotes have higher gene density as compared to eukaryotes
- ☐ Prokaryotes have less genome size as compared to eukaryotes
- ☐ Prokaryotes have less number of genes as compared to eukaryotes
- ☒ Prokaryotes have lower gene density as compared to eukaryotes

[Click to Save Answer & Move to Next Question](#)

Question # 5 of 7 (Start time: 09:44:49 PM, 08 July 2022)

Total Marks: 1

Variations that are genetically _____ and cannot be altered

Select the correct option

[Reload Math Equations](#)

- ☒ Controlled
- ☐ Disturbed
- ☐ Change
- ☐ Uncontrolled

[Click to Save Answer & Move to Next Question](#)

Question # 4 of 7 (Start time: 09:44:01 PM, 08 July 2022)

Total Marks: 1

Which of the following statements regarding Bar Bodies is true

Select the correct option

[Reload Math Equations](#)

☐	XY-chromosome inactivated in male
☒	X-chromosome is inactivated in female
☐	X-chromosome is inactivated in male
☐	Y-chromosome is inactivated in male

[Click to Save Answer & Move to Next Question](#)

Question # 3 of 7 (Start time: 09:43:39 PM, 08 July 2022)

Total Marks: 1

Which of the following statements accurately describes Gregor Mendel's inheritance model?

Select the correct option

[Reload Math Equations](#)

☒	A clear dominant-recessive relationship between alleles
☐	Each gene have many alleles
☐	Each trait is controlled by multiple genes
☐	All of these

[Click to Save Answer & Move to Next Question](#)

Question # 2 of 7 (Start time: 09:42:52 PM, 08 July 2022)

Total Marks: 1

Which stage of the cell cycle are cells arrested before staining for high resolution chromosomal analysis?

Select the correct option

[Reload Math Equations](#)

☒	Metaphase
☐	Prophase
☐	Telophase
☐	Anaphase

Question # 1 of 7 (Start time: 09:41:26 PM, 08 July 2022)

Total Marks: 1

How many types of chromosomal banding are present?

Select the correct option

[Reload Math Equations](#)

☐	2
☐	5
☒	4
☐	3

[Click to Save Answer & Move to Next Question](#)