



VU Expert Zoologists

BIO-301

photofunny

Question # 1 of 5 (start time: 07:12:57 PM, 27 December 2022)

Total Marks: 1

Whose experiment provides the first conclusive proof that a gene is linked to a certain chromosome?

Select the correct option

 Reload Math Equations

☐	Gregor Mendel
☐	T.J.Robert
☐	Walther Flemming
☒	T.H.Morgan

Click to Save Answer & Move to Next Question



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**Question # 4 of 5 (Start time: 02:45:24 PM, 27 December 2022)**

The sex of male bee is

Select the correct option

☐	XY
☐	Diploid
☐	Z W
☐	Haploid





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MC210201096: NAZMA BIBI

BIO301 - Essentials of Genetics (Quiz #02)

Qu

Question # 1 of 5 (Start time: 02:44:02 PM, 27 December 2022)

Which of the following phenomena would result in linkage if it were to fail?

Select the correct option

- | | |
|-----------------------|-------------------------------|
| ☐ | Law of dominance |
| ☐ | Law of segregation |
| ☐ | Law of independent assortment |
| ☐ | None of these |

Click t



Quiz

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301 - Essentials of Genetics (Quiz #02)

Quiz Sta

Question # 5 of 5 (Start time: 04:34:12 PM, 26 December 2022)

How many alleles influence the colour of a rabbit's fur?

Select the correct option

4

2

6

1

Click to Save



Quiz

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Question # 2 of 5 (Start time: 07:33:33 PM, 27 December 2022)

What are the chances that the son of a colorblind mother and a non-colorblind father will be colorblind?

Select the correct option

- | | |
|-----------------------|-----|
| ☐ | 4/4 |
| ☐ | 2/2 |
| ☐ | 1/2 |
| ☐ | 3/4 |

Click to Save Answer



Quiz

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MC210401400: BISMA AMIN

BIO301 - Essentials of Genetics (Quiz #02)

Question # 2 of 5 (Start time: 04:14:17 PM, 27 December 2022)

Which of the following animals has the same XX-XY sex determination as humans?

Select the correct option

☐	Birds
☐	Reptiles
☐	Grasshoppers
☐	Drosophila



Quiz

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Question # 3 of 5 (**Start time: 07:34:39 PM, 27 December 2022**)

The process of transfer of human blood is known as?

Select the correct option

☐	Transfusiom
☐	Processing
☐	Transferring
☐	Transporting

Question # 1 of 5 (Start time: 07:32:28 PM, 27 December 2022)

Total Marks: 1

Which of the statements below is correct?

Select the correct option

 Reload Math Equations

☐	Carrier female mates normal male, 100% chance that each daughter will be a carrier; 50% chance that each son will have the disorder
☐	Carrier female mates normal male, 50% chance that each daughter will be a carrier; 50% chance that each son will have the disorder
☐	Carrier female mates normal male, 50% chance that each daughter will be a carrier; 25% chance that each son will have the disorder
☐	Carrier female mates normal male, 25% chance that each daughter will be a carrier; 50% chance that each son will have the disorder

Click to Save Answer & Move to Next Question



Quiz

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Question # 5 of 5 (Start time: 07:37:01 PM, 27 December 2022)

When genes are on distinct chromosomes, what is the dihybrid test cross ratio?

Select the correct option

☐	1:2:3:1
☒	9:3:3:1
☐	1:1:1:1
☐	3:1



Quiz

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MC220203617: SHEHNAZ BIBI

BIO301 - Essentials of Genetics (Quiz #02)

Quiz Start Time

Question # 4 of 5 (Start time: 04:33:04 PM, 26 December 2022)

Which of the following organism whose first genetic map was made?

Select the correct option

☐	Rat
☐	Fly
☐	Arabidopsis
☒	Drosophila

Click to Save Answer



Quiz

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Question # 4 of 5 (**Start time: 07:35:53 PM, 27 December 2022**)

What is the phenomena that might cause a linkage to be broken?

Select the correct option

☐	Linkage
☐	Breakage
☐	Reconstruction
☐	Crossing over

Click



IC220203142: SANA MALIK

IO301 - Essentials of Genetics (Quiz #02)

Quiz Start T

Question # 4 of 5 (Start time: 01:57:26 PM, 27 December 2022)

Which of the following statements concerning most ant and bee species' sex determination system is correct

Select the correct option

- | | |
|----------------------------------|---|
| ☐ | Males unfertilized ova haploid and Females unfertilized ova diploid |
| ☒ | Males unfertilized ova haploid and Females fertilized ova diploid |
| ☐ | Males fertilized ova haploid and Females unfertilized ova diploid |
| ☐ | Males fertilized ova diploid and Females fertilized ova diploid |

Click to Save An

MC220203346: ANAM SHOUKAT

BIO301 - Essentials of Genetics (Quiz #02)

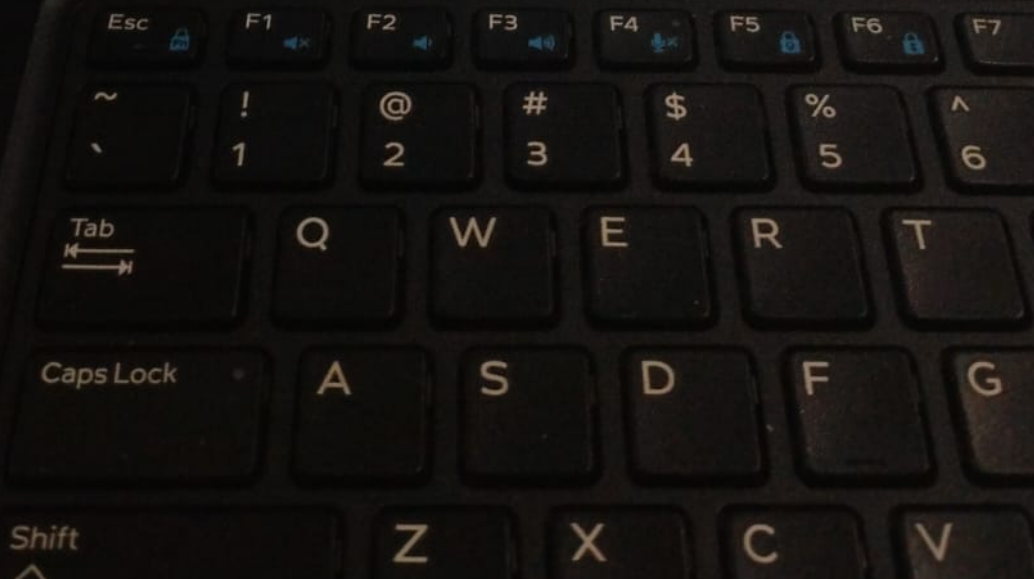
Question # 3 of 5 (Start time: 05:31:38 PM, 26 December 2022)

In humans, how many genotypes of blood types AB and O exist?

Select the correct option

- | | |
|----------------------------------|-------|
| ☒ | One |
| ☐ | Two |
| ☐ | Three |
| ☐ | Four |

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BIO301 - Essentials of Genetics (Quiz #02)

Question # 4 of 5 (Start time: 05:32:14 PM, 26 December 2022)

What is the phenomena that might cause a linkage to be broken?

Select the correct option

- ☐ Reconstruction
- ☐ Linkage
- ☒ Crossing over
- ☐ Breakage

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