

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Bif_101_

Introduction to Bioinformatics

Quiz No.1 Fall 2022

100% Right Solution

***"Don't Stop When you Tired,
Stop When you Done"***

0304-4756496

MUHAMMAD ZAMAN 😊

BIF101 – Introduction to Bioinformatics (Quiz no.1)

Quiz Start Time: 05:28 PM, 01 December 2022

Question # 1 of 5 (Start time: 05:28:24 PM, 01 December 2022)

Total Marks: 1

Nucleoid is absent in prokaryotic genome

Select the correct option

Reload Math Equations

☒	False
☐	True

ZOOLOGY
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Question # 2 of 5 (Start time: 05:30:03 PM, 01 December 2022)

Total Marks: 1

During _____ a large molecule is split into smaller sections by breaking a bond by the addition of water molecule

Select the correct option

Reload Math Equations

- | | |
|----------------------------------|----------------|
| ☐ | Condensation |
| ☐ | Ionization |
| ☒ | Hydrolysis |
| ☐ | Polymerization |

Click to Save Answer & Move to Next Question

ZOOLOGY
LEGENDS

Question # 3 of 5 (Start time: 05:30:47 PM, 01 December 2022)

Total Marks: 1

High molecular substances, which are present in _____, are also named as Biopolymers

Select the correct option

Reload Math Equations

- | | |
|----------------------------------|------------------|
| ☐ | atoms |
| ☐ | dead organisms |
| ☒ | living organisms |
| ☐ | elements |

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Question # 4 of 5 (Start time: 05:31:12 PM, 01 December 2022)

Total Marks: 1

The human genome has over _____ and these genes code for thousands of different proteins which perform day-to-day functions in the living cell.

Select the correct option

Reload Math Equations

☐	36,000
☒	25,000 genes
☐	40,000
☐	None

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in cells, _____ is involved in Secretion

Select the correct option

Reload Math Equations

- | | |
|----------------------------------|-----------------|
| ☐ | Chloroplast |
| ☐ | Cell membrane |
| ☐ | Mitochondria |
| ☒ | Golgi apparatus |



Click to Save Answer & Move to Next Question

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Question # 1 of 5 (Start time: 05:35:16 PM, 01 December 2022)

Total Marks: 1

Ionic Bond is formed when one atom essentially takes the bond electrons from the other atom

Select the correct option

Reload Math Equations

☐	False
☒	True

Click to Save Answer & Move to Next Question

Question # 2 of 5 (Start time: 05:36:09 PM, 01 December 2022)

Total Marks: 1

The bases are held together in a DNA double helix by hydrogen bonds. These bonds are

Select the correct option

Reload Math Equations

- | | |
|----------------------------------|----------------------|
| ☒ | Covalent bonds |
| ☐ | Ionic bonds |
| ☐ | Van der Waals forces |
| ☐ | Non-covalent bonds |

Click to Save Answer & Move to Next Question

Question # 3 of 5 (Start time: 05:36:49 PM, 01 December 2022)

Total Marks: 1

Central Dogma has following steps:

Select the correct option

Reload Math Equations

- ☐ DNA->RNA->Protein
- ☒ Both
- ☐ None
- ☐ Transcription from DNA to RNA and Translation from mRNA to Protein

Click to Save Answer & Move to Next Question

Question # 4 of 5 (Start time: 05:37:22 PM, 01 December 2022)

Total Marks: 1

Adenine and Guanine collectively called Pyrimidine while Cytosine, Uracil, and Thymine are called as Purines.

Select the correct option

Reload Math Equations

☐	True
☒	False

Click to Save Answer & Move to Next Question

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Question # 5 of 5 (Start time: 05:37:57 PM, 01 December 2022)

Total Marks: 1

Bioinformatics is the application of computer technology to get the information that's stored in certain types of _____.

Select the correct option

Reload Math Equations

- | | |
|----------------------------------|--------------------|
| ☐ | Logical data |
| ☐ | Searching data |
| ☒ | Biological data |
| ☐ | Computational data |

Click to Save Answer & Move to Next Question

Question # 1 of 5 (Start time: 03:26:34 PM, 02 December 2022)

Total Marks: 1

DNA sends the information to cell via tRNA and that sequence the amino acids according to coded information and protein structure is formed and that protein forms a cell.

Select the correct option

Reload Math Equations

☐	True
☒	False

Click to Save Answer & Move to Next Question

Question # 2 of 5 (Start time: 03:27:14 PM, 02 December 2022)

Total Marks: 1

Bioinformatics helps us to understand the systems from small to big like from gene findings to entire system prediction including

Select the correct option

Reload Math Equations

- | | |
|----------------------------------|------------------------------------|
| ☐ | None |
| ☒ | All |
| ☐ | Modeling of many biological system |
| ☐ | Protein structure prediction |

Click to Save Answer & Move to Next Question

Question # 3 of 5 (Start time: 03:28:15 PM, 02 December 2022)

Total Marks: 1

Ionic Bond is formed when one atom essentially takes the bond electrons from the other atom

Select the correct option

Reload Math Equations

☐	False
☒	True

Click to Save Answer & Move to Next Question

Question # 4 of 5 (Start time: 03:28:42 PM, 02 December 2022)

Total Marks: 1

During cell division each daughter cell receives a copy of the genome of the child cell.

Select the correct option

Reload Math Equations

☐	True
☒	False

Click to Save Answer & Move to Next Question

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BIF101 Handouts PDF FULL BOO x Quiz

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=f6c6fed6-99c0-4f7c-ad2d-cab7b8ba...

BIF101 – Introduction to Bioinformatics (Quiz no.1) Quiz Start Time: 03:26 PM, 02 December 2022

Question # 5 of 5 (Start time: 03:29:29 PM, 02 December 2022) Total Marks: 1

In Eukaryotic entities, transcription takes place in the nucleus and translation in the cytoplasm

Select the correct option

Reload Math Equations

True

False

Click to Save Answer & Move to Next Question

Type here to search

ENG 3:29 PM 12/2/2022

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JazakAllah