بِسْمِ اللَّهِ الرَّحْمَٰنِ الرَّحِيمِ

Bif_101

Introduction to Bioinformatics

Quiz No.2 Fall 2022

Full Solution

Total Marks: 10 **Due date: 17/12/2022**

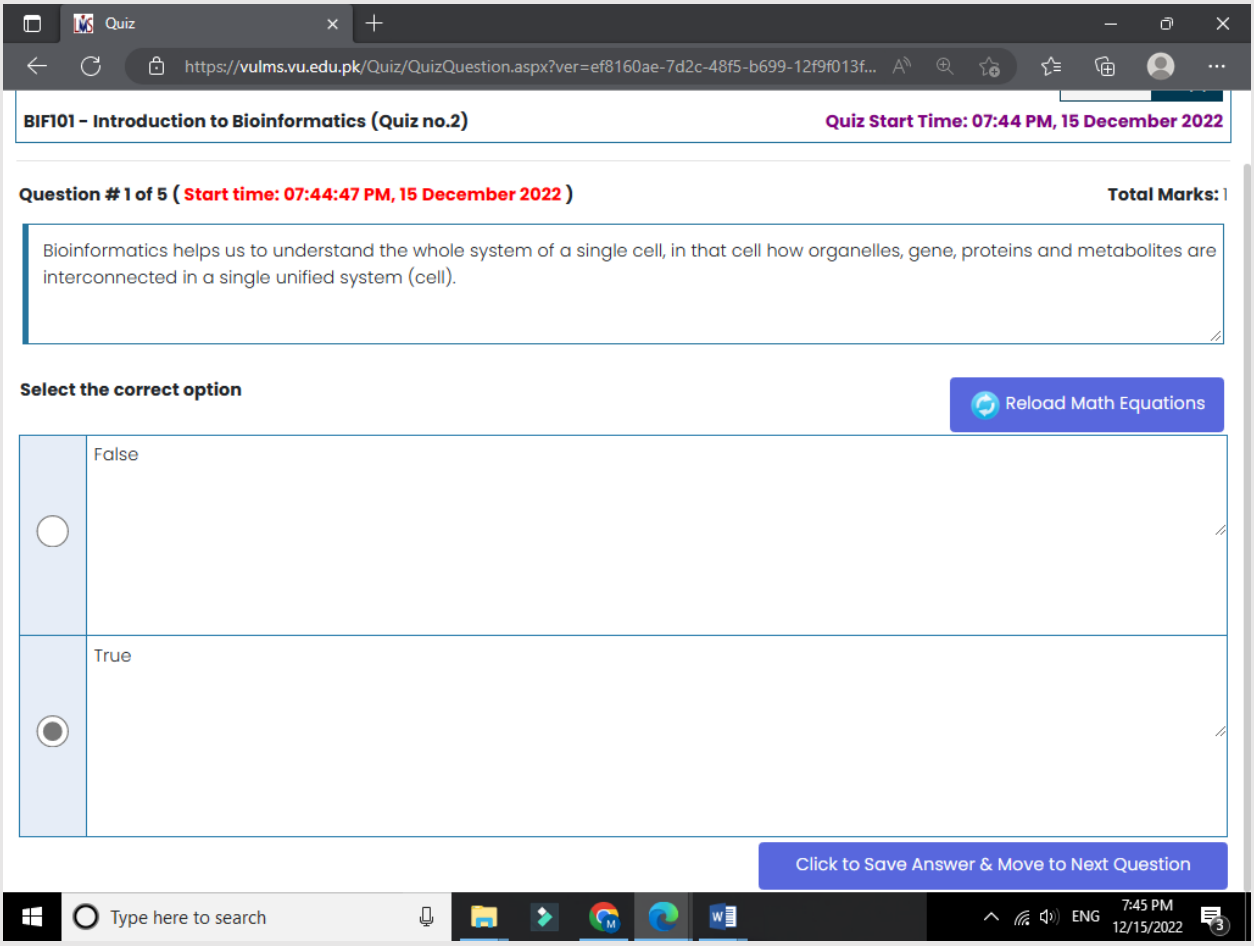
ZOOLOGY
LEGENDS

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

0304-4756496

MUHAMMAD ZAMAN

1- Bioinformatics helps us to understand the whole system of a single cell, in that cell how organelles, gene, proteins and metabolites are interconnected in a single unified system (cell).



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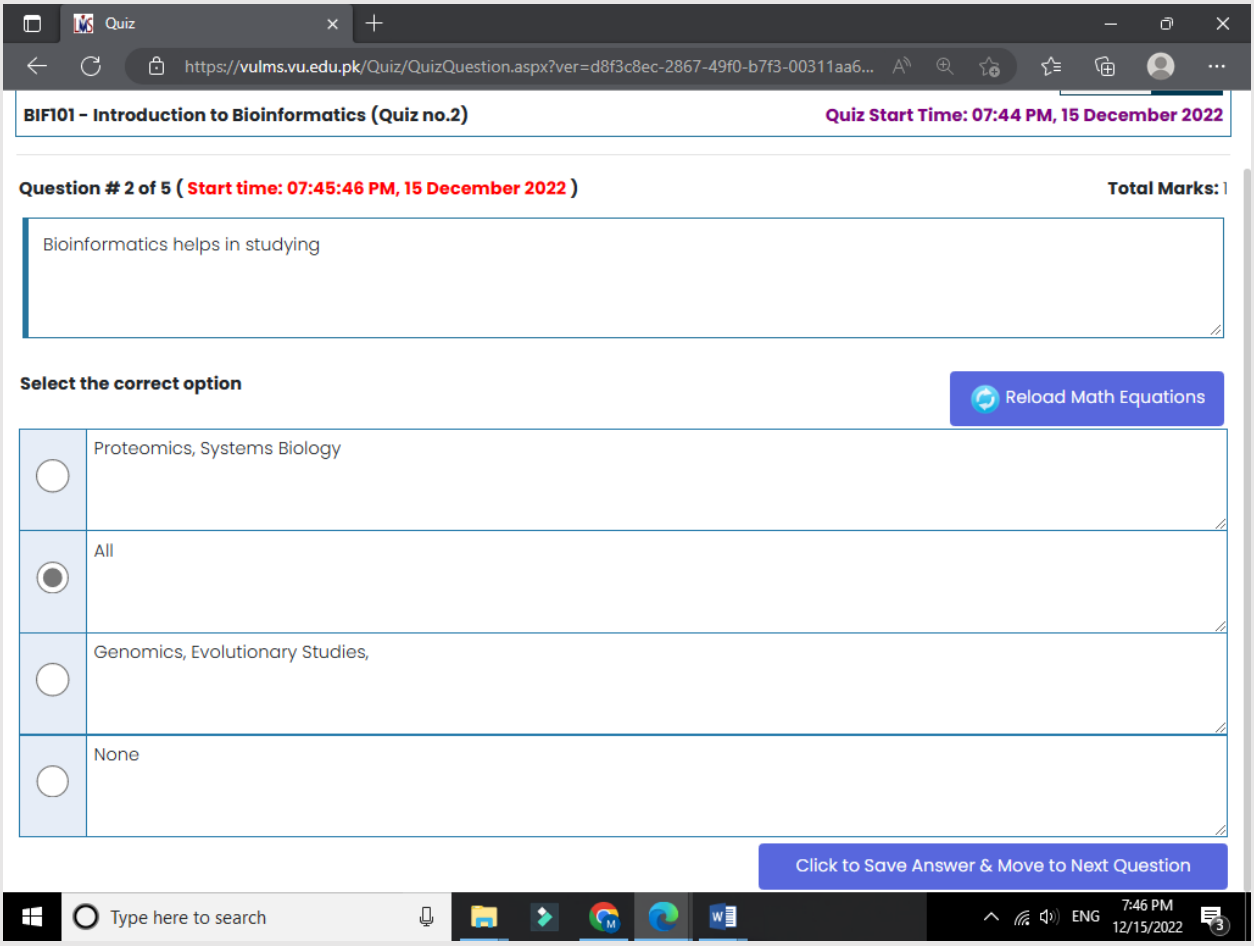
2- Bioinformatics helps in studying



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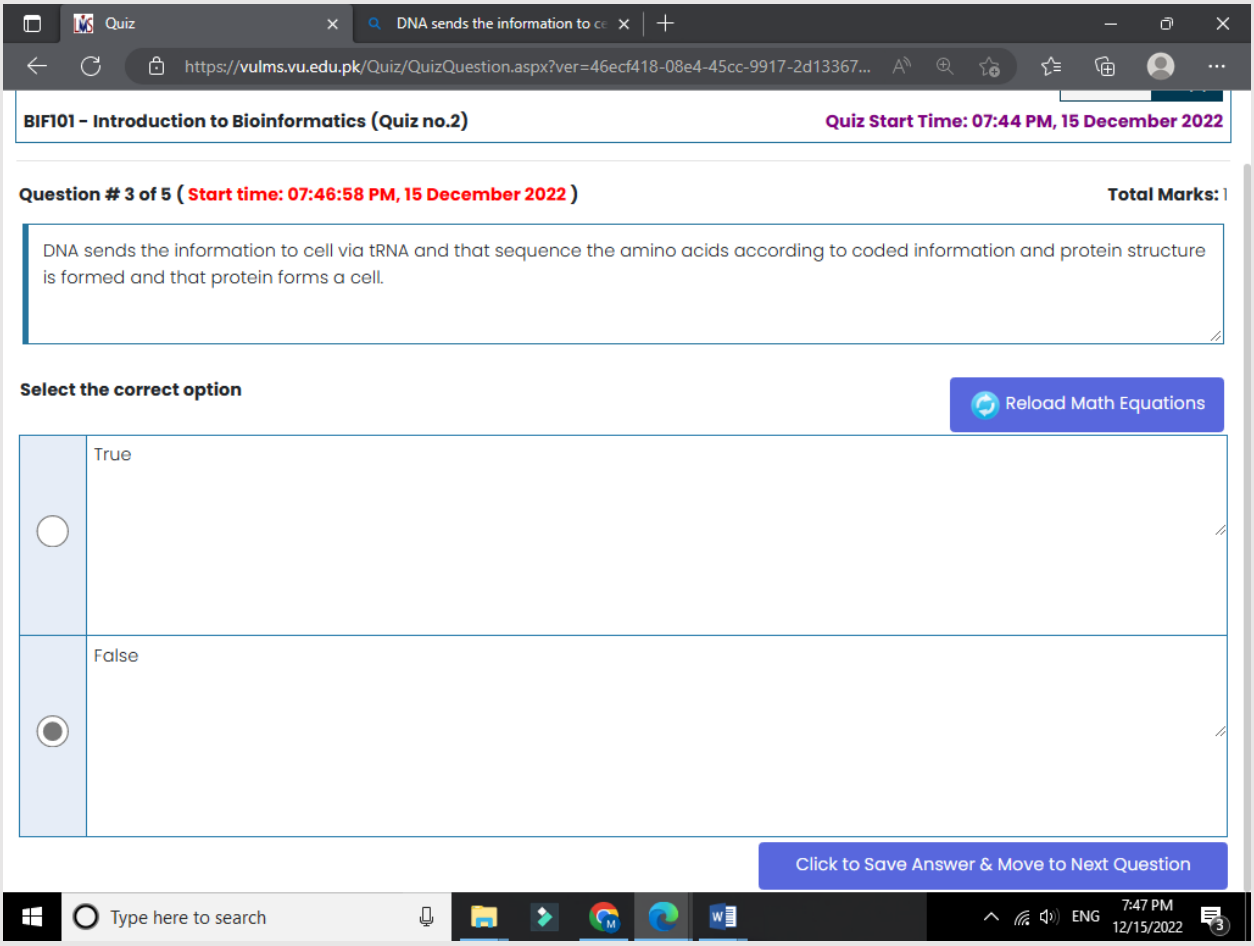
3- DNA sends the information to cell via tRNA and that sequence the amino acids according to coded information and protein structure is formed and that protein forms a cell.



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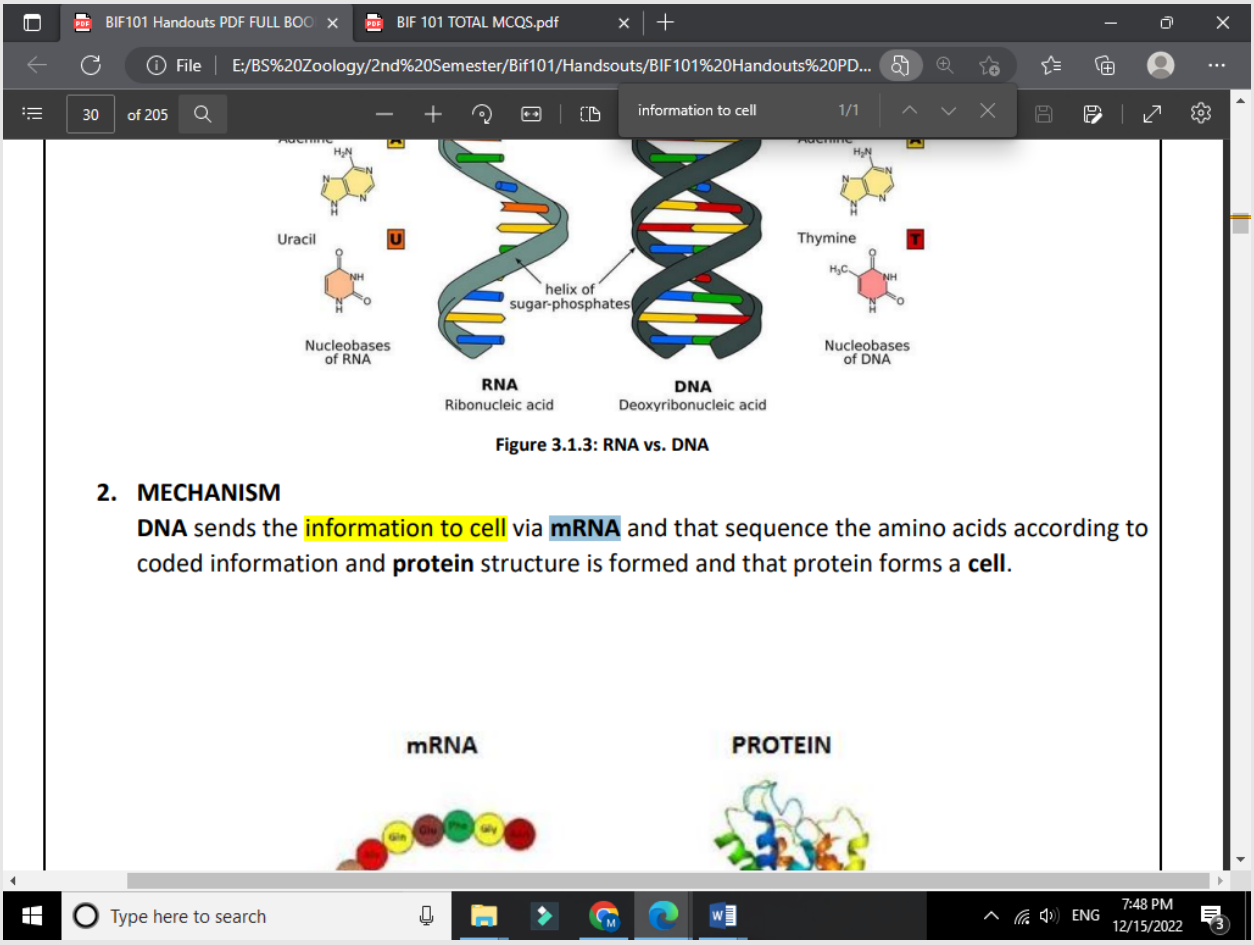

4- Central Dogma has following steps:

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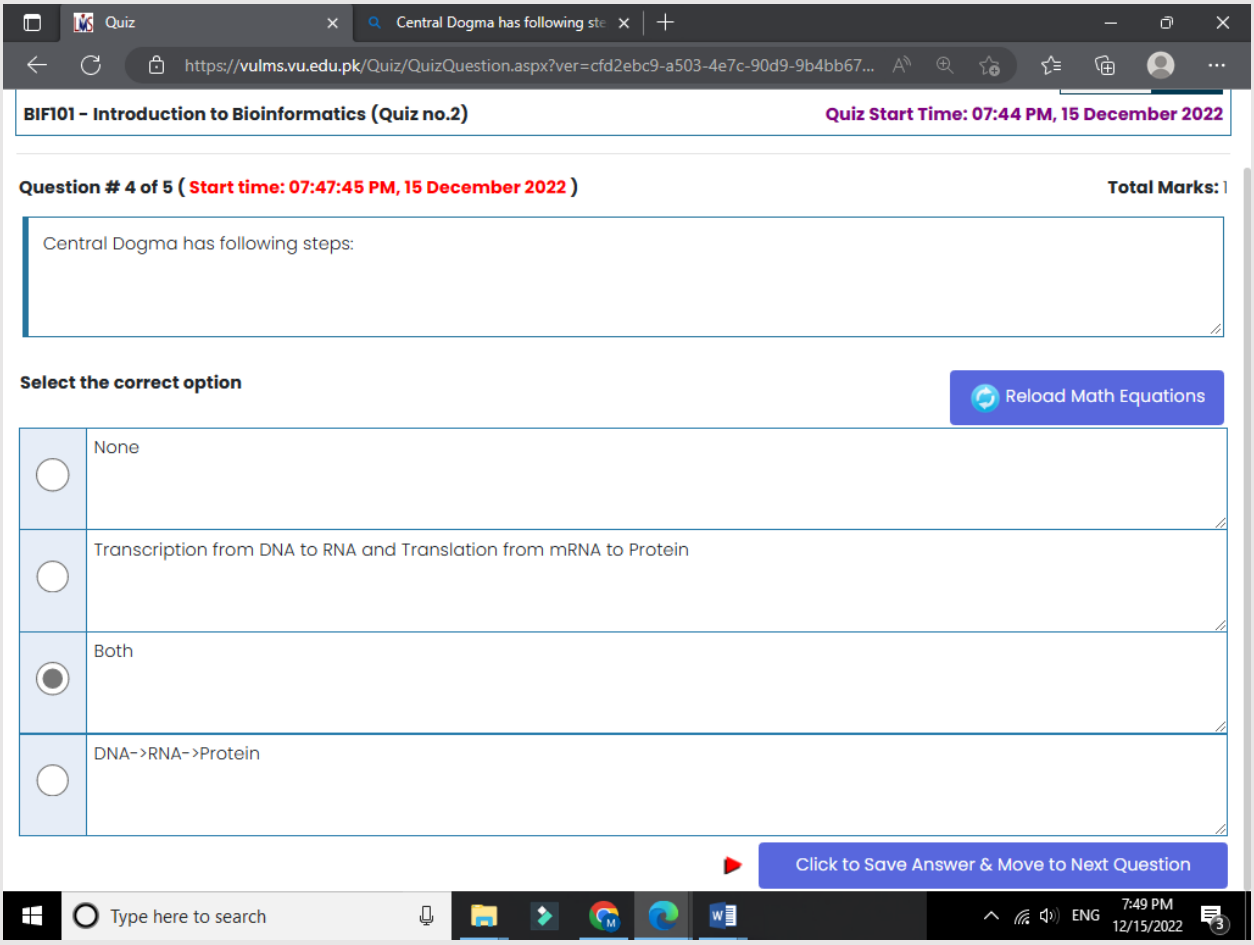

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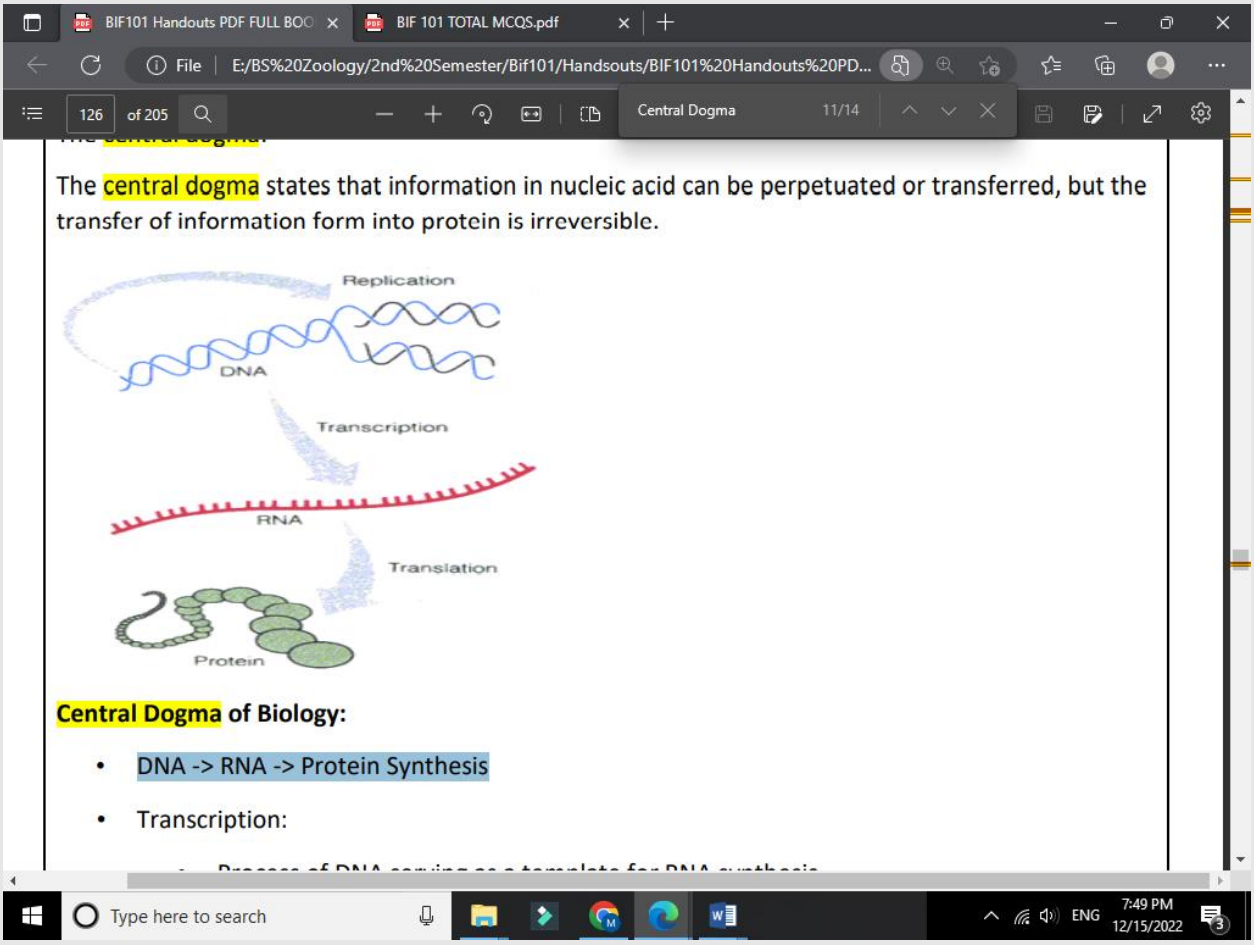

5- Start Codon is

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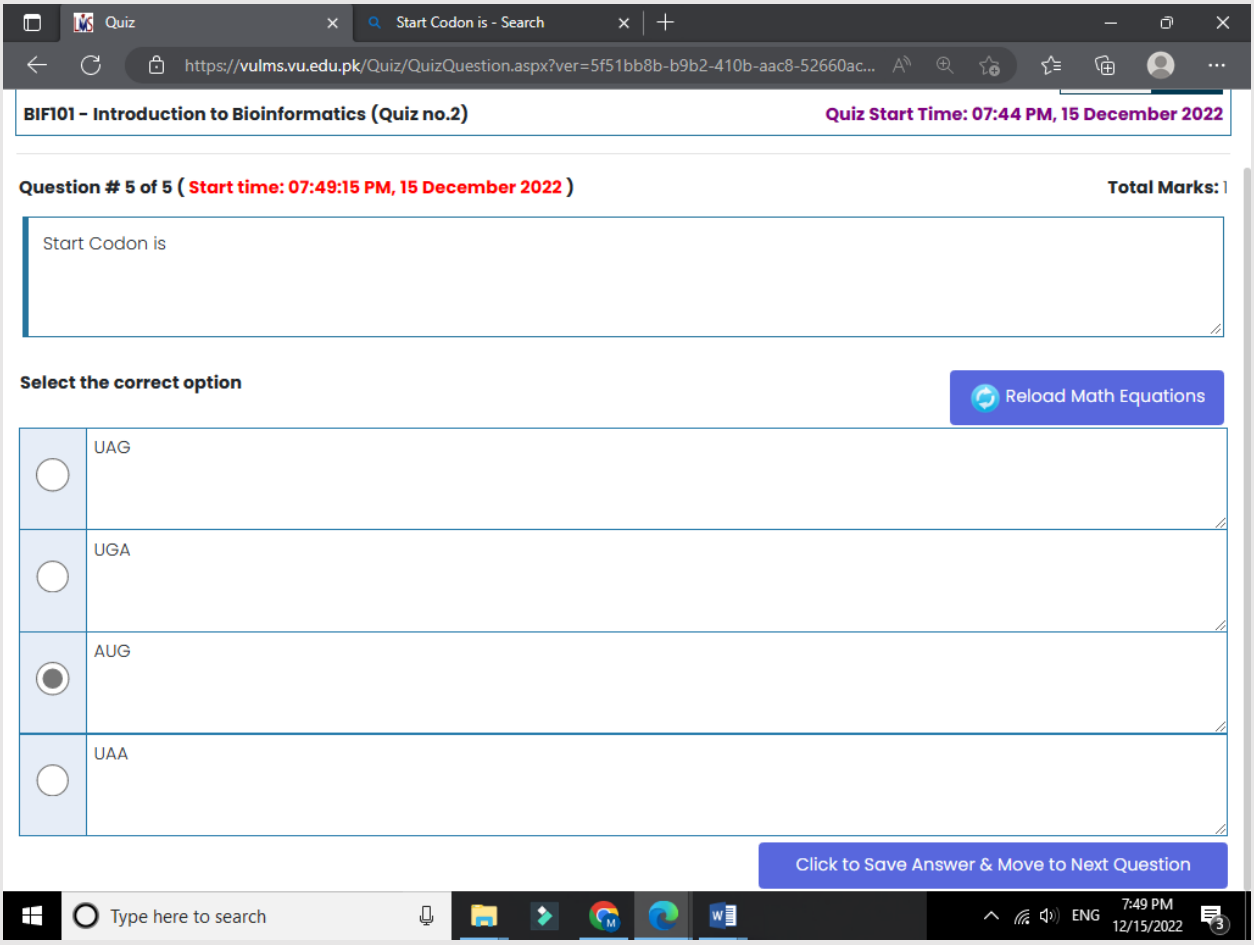

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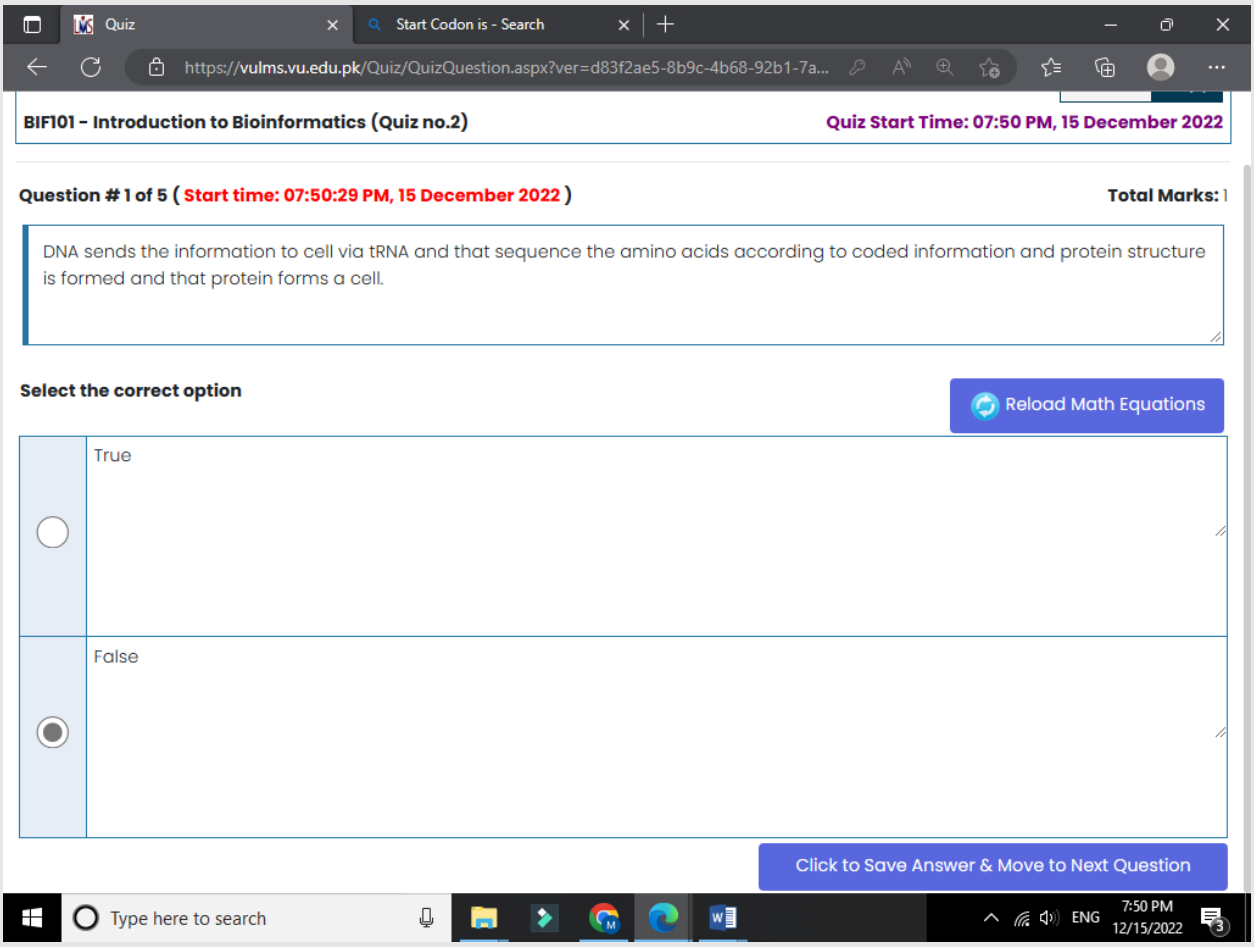
amino acids according to coded information and protein structure is formed and that protein forms a cell.



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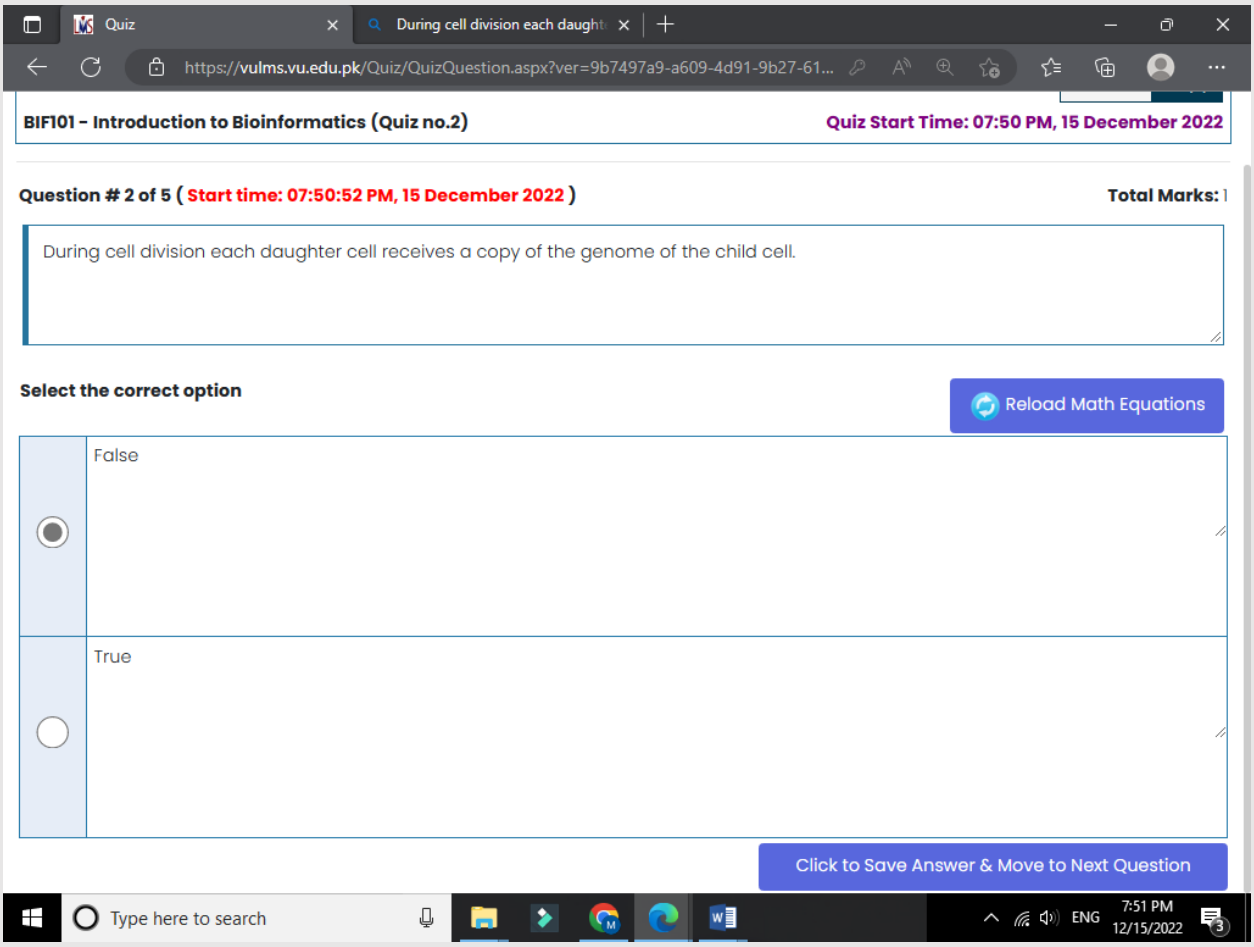
2- During cell division each daughter cell receives a copy of the genome of the child cell.



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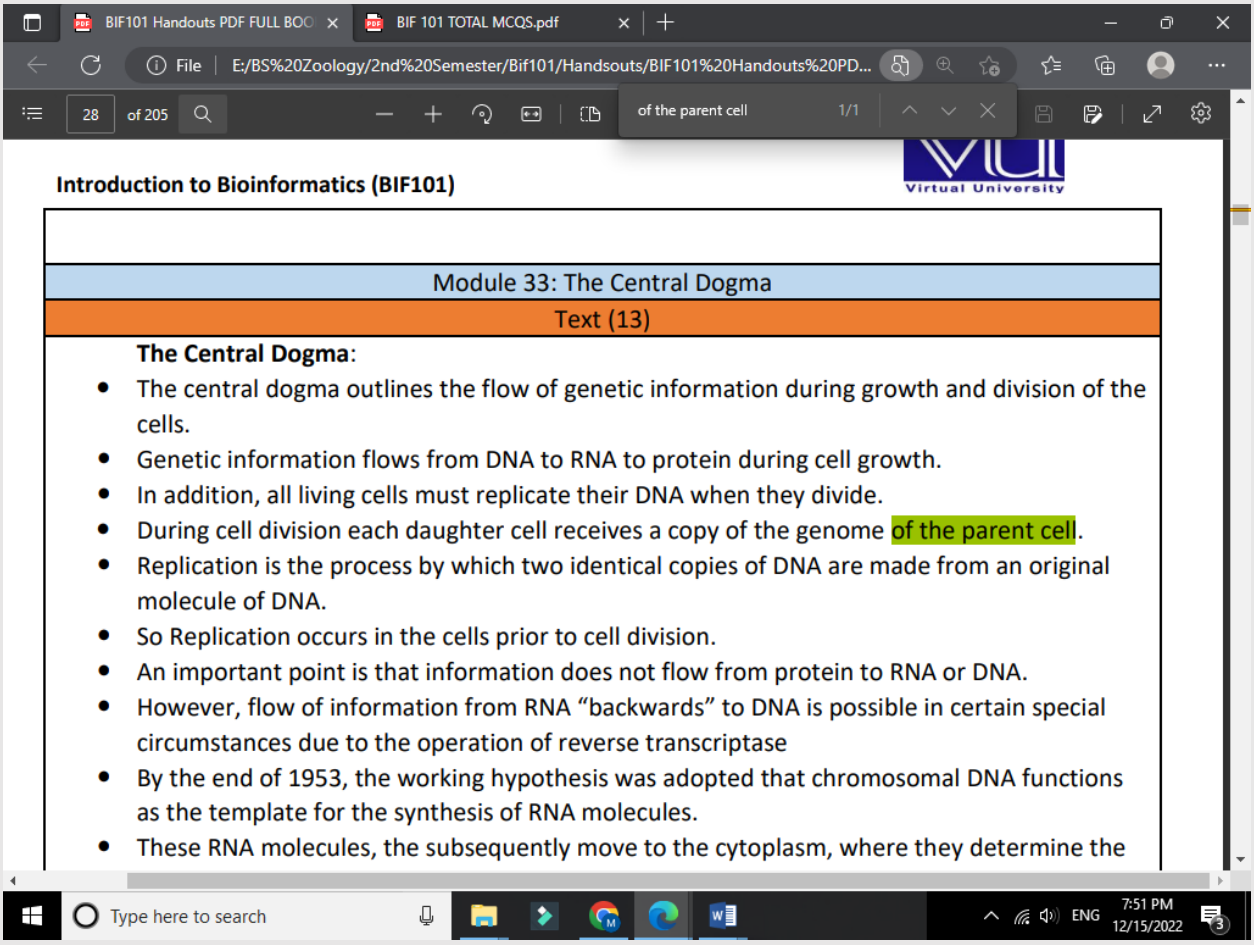

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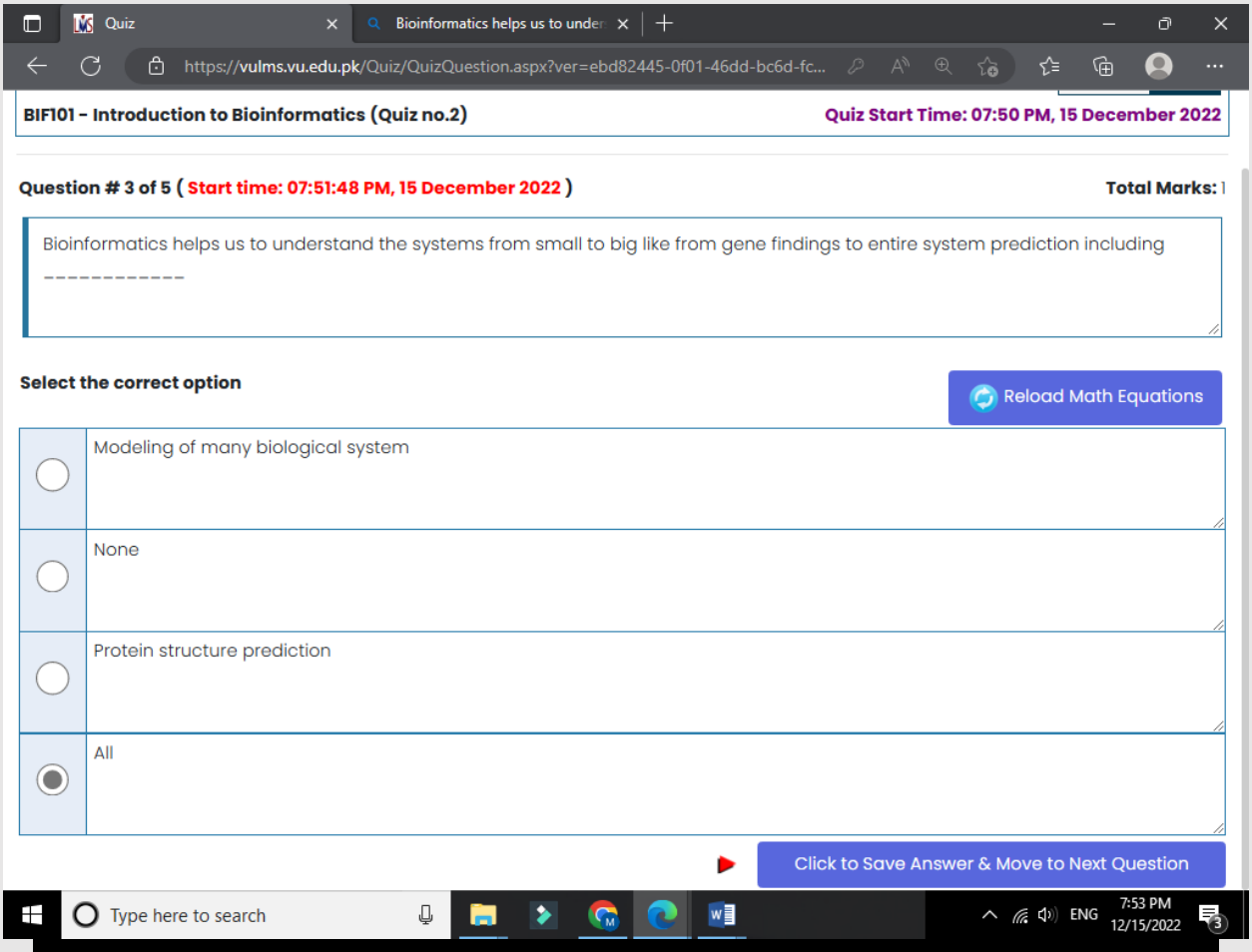
2- Bioinformatics helps us to understand the systems from small to big like from gene findings to entire system prediction including

_____



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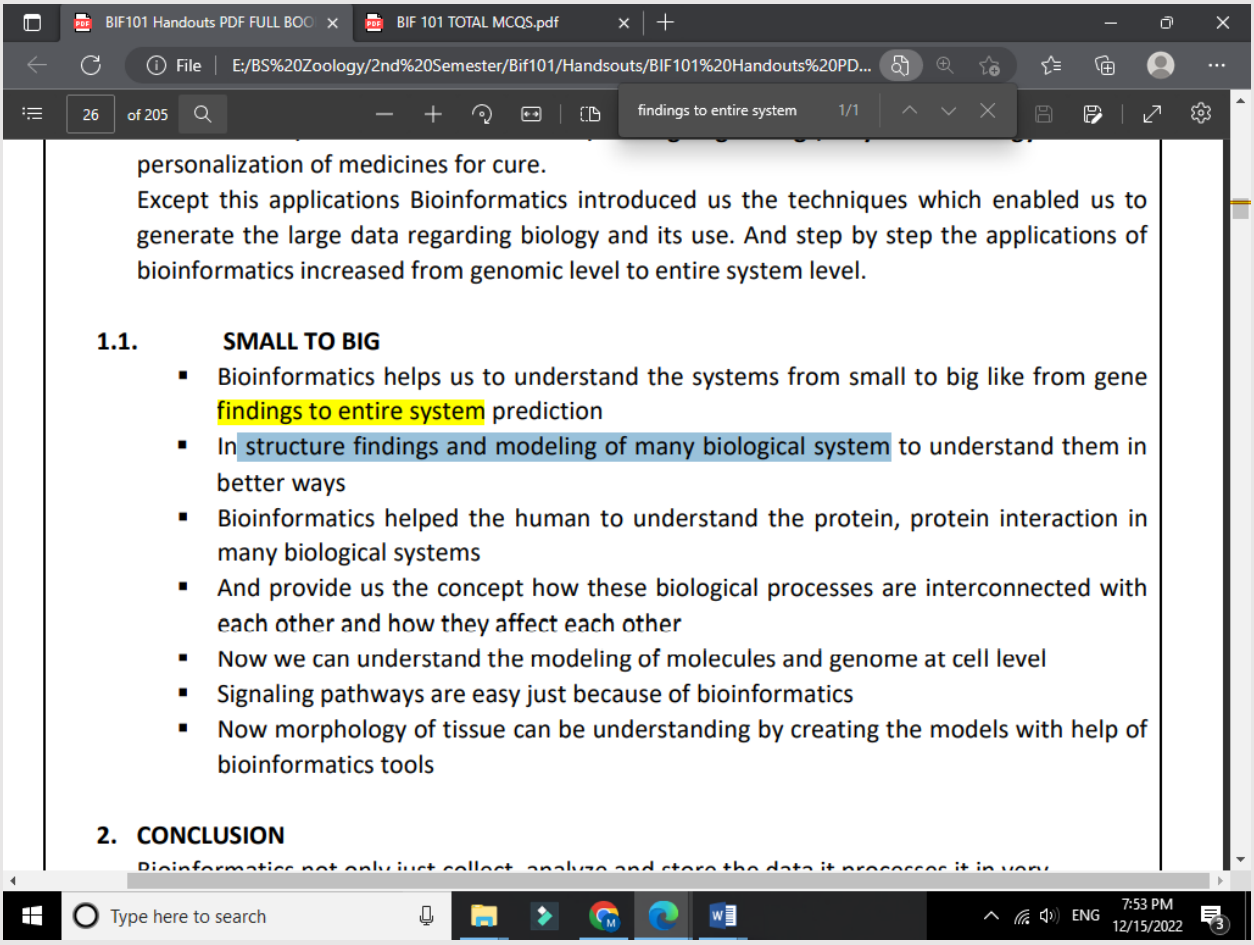

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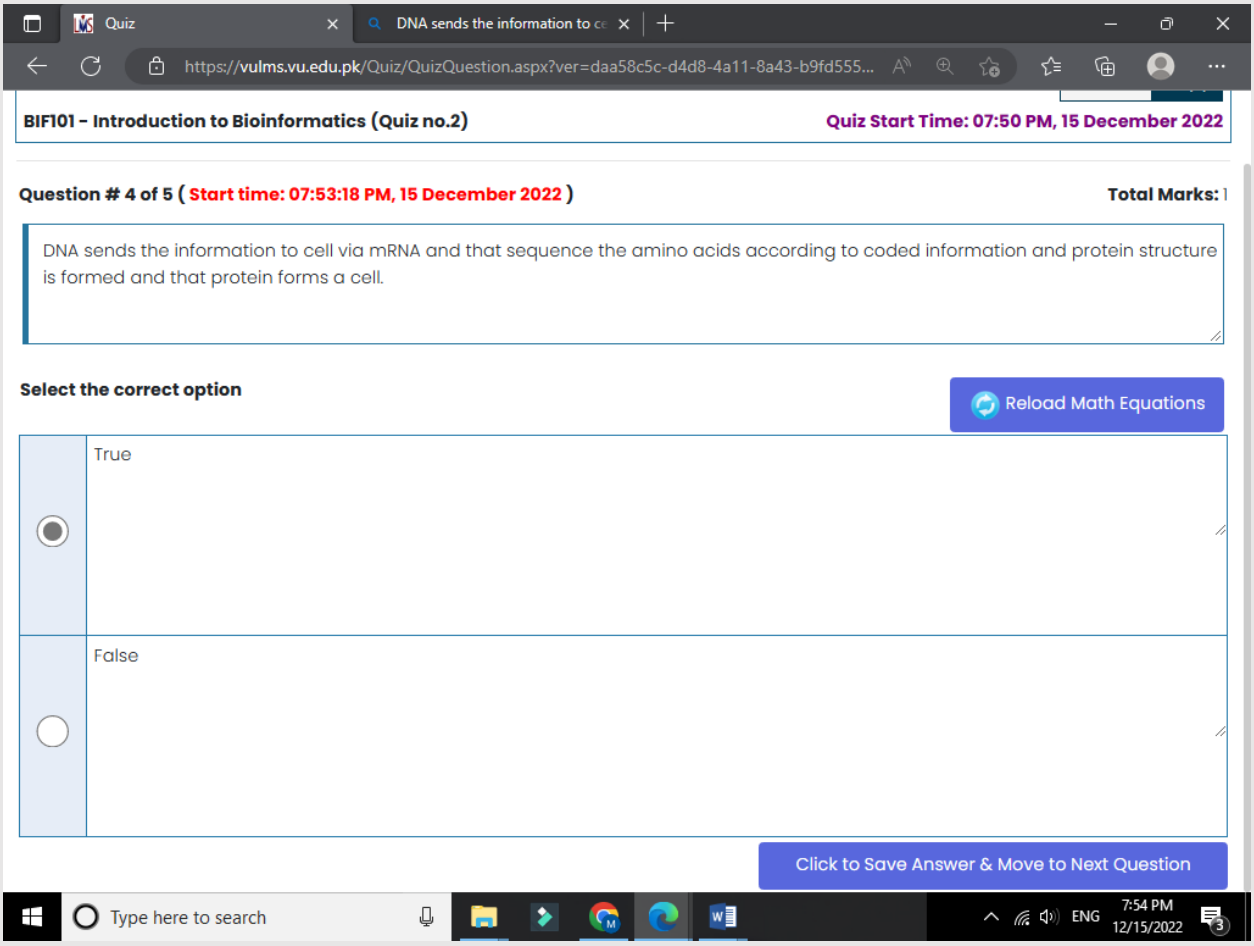
3- DNA sends the information to cell via mRNA and that sequence the amino acids according to coded information and protein structure is formed and that protein forms a cell.



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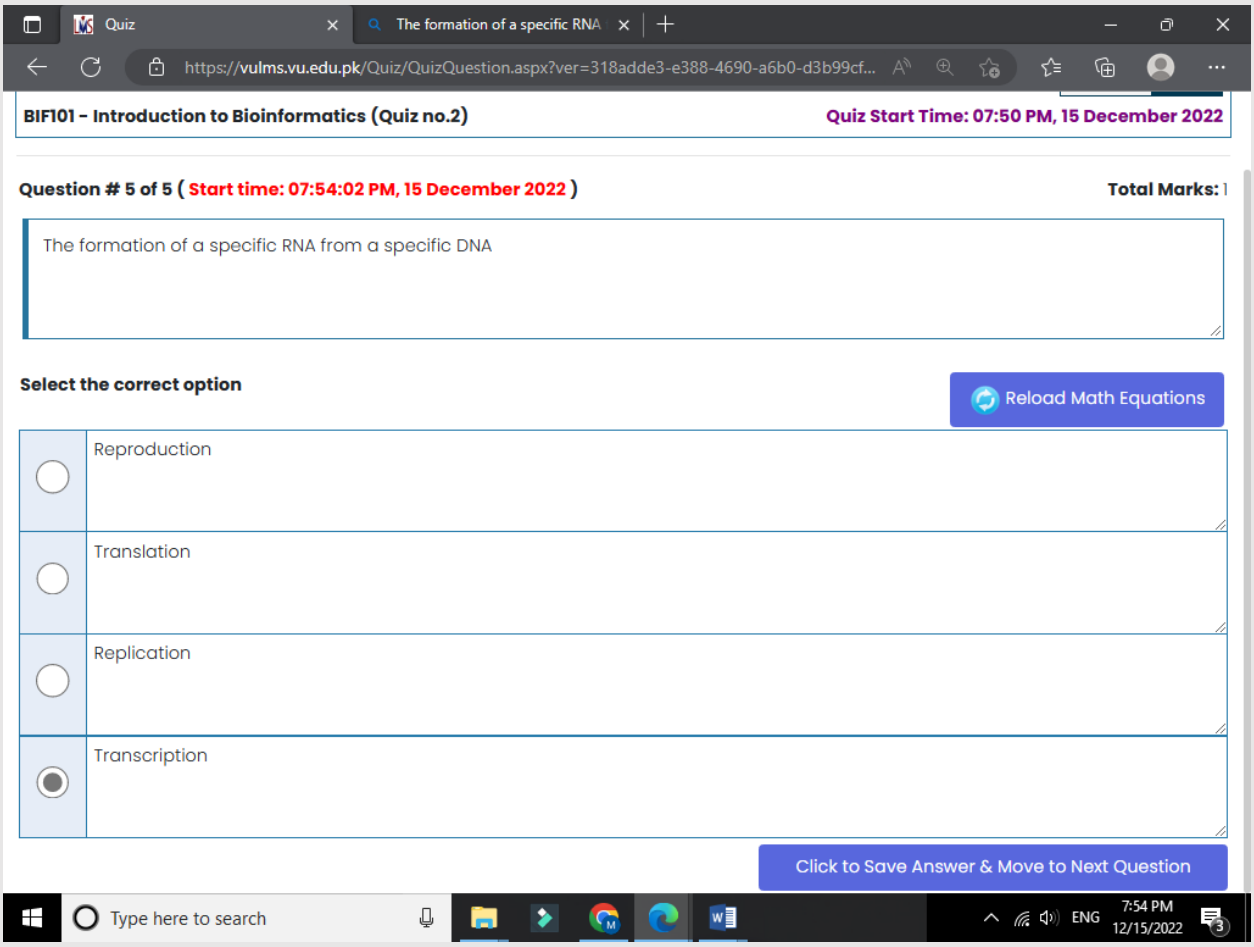
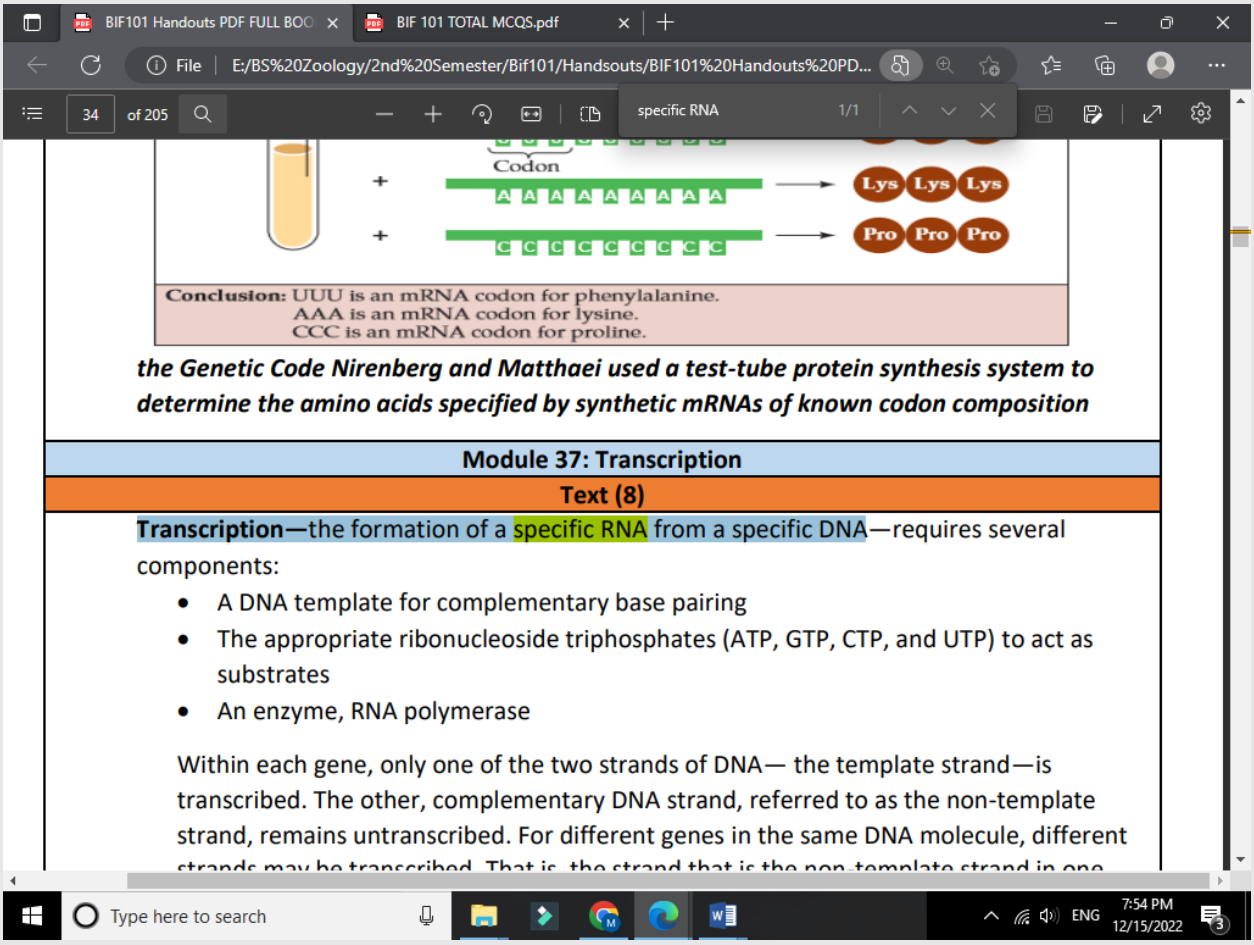
4- The formation of a specific RNA from a specific DNA





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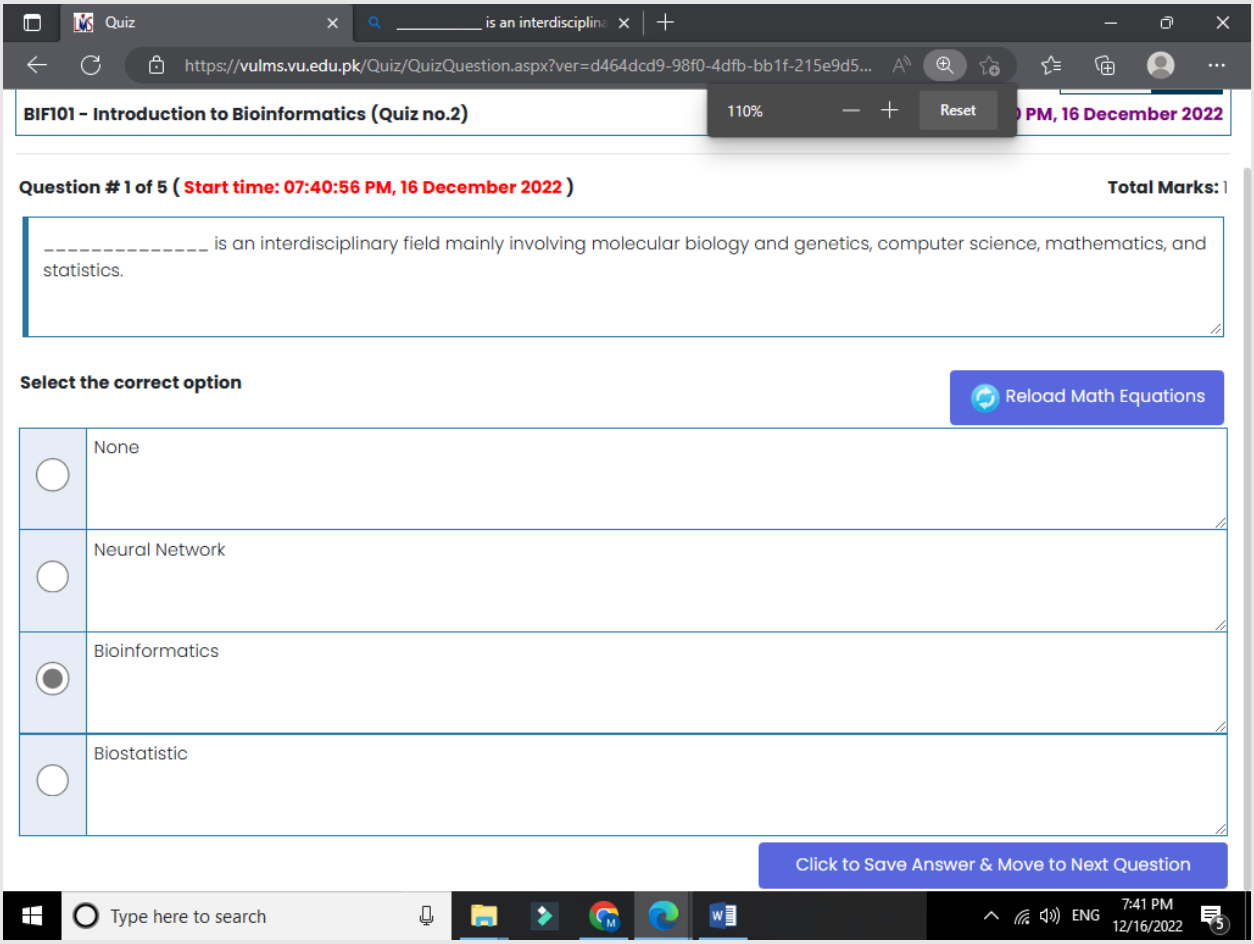
_____ is an interdisciplinary field mainly involving molecular biology and genetics, computer science, mathematics, and statistics.



AUG or ATG is the _____.

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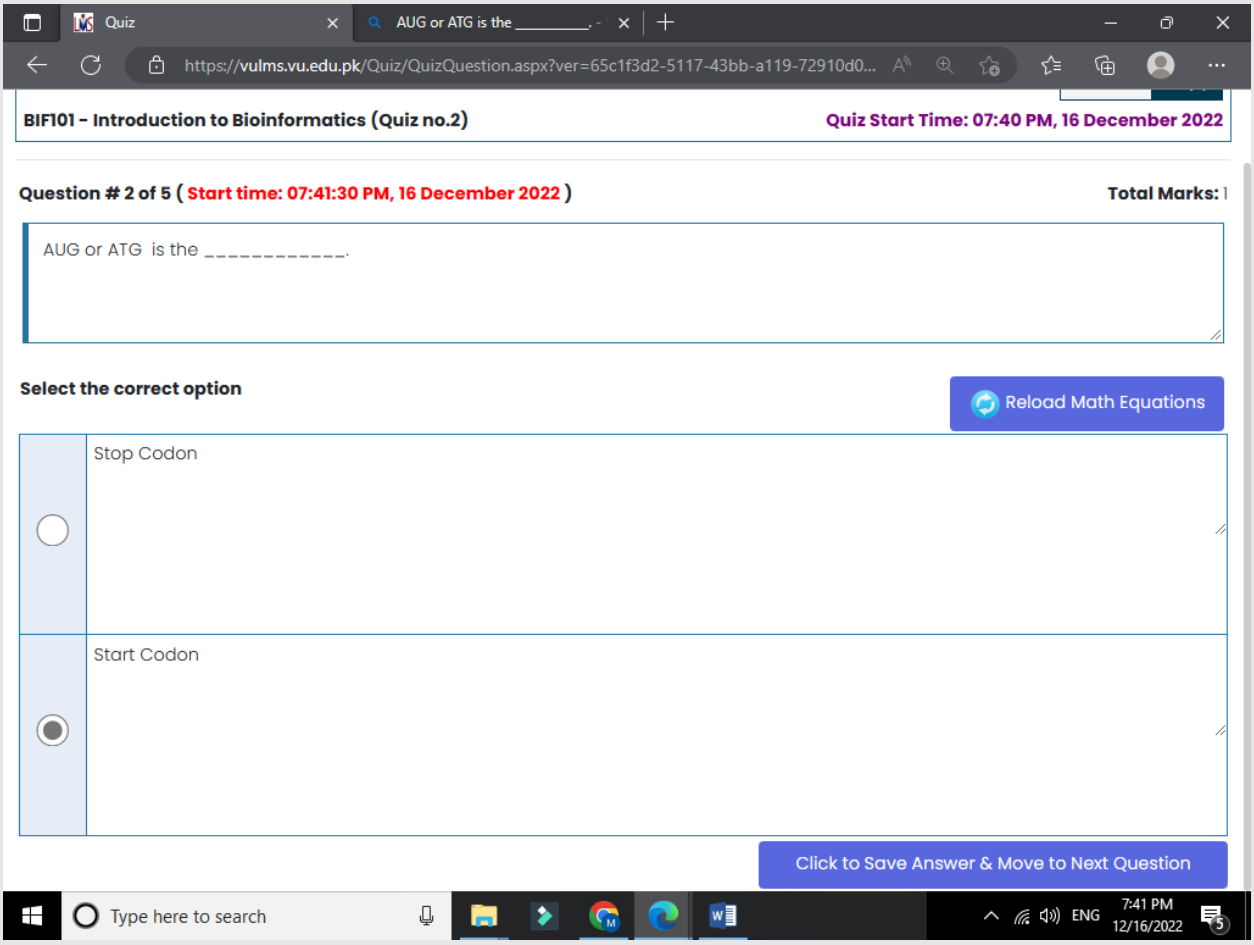

Biologists can sequence the whole genome with the bioinformatics tool i.e.

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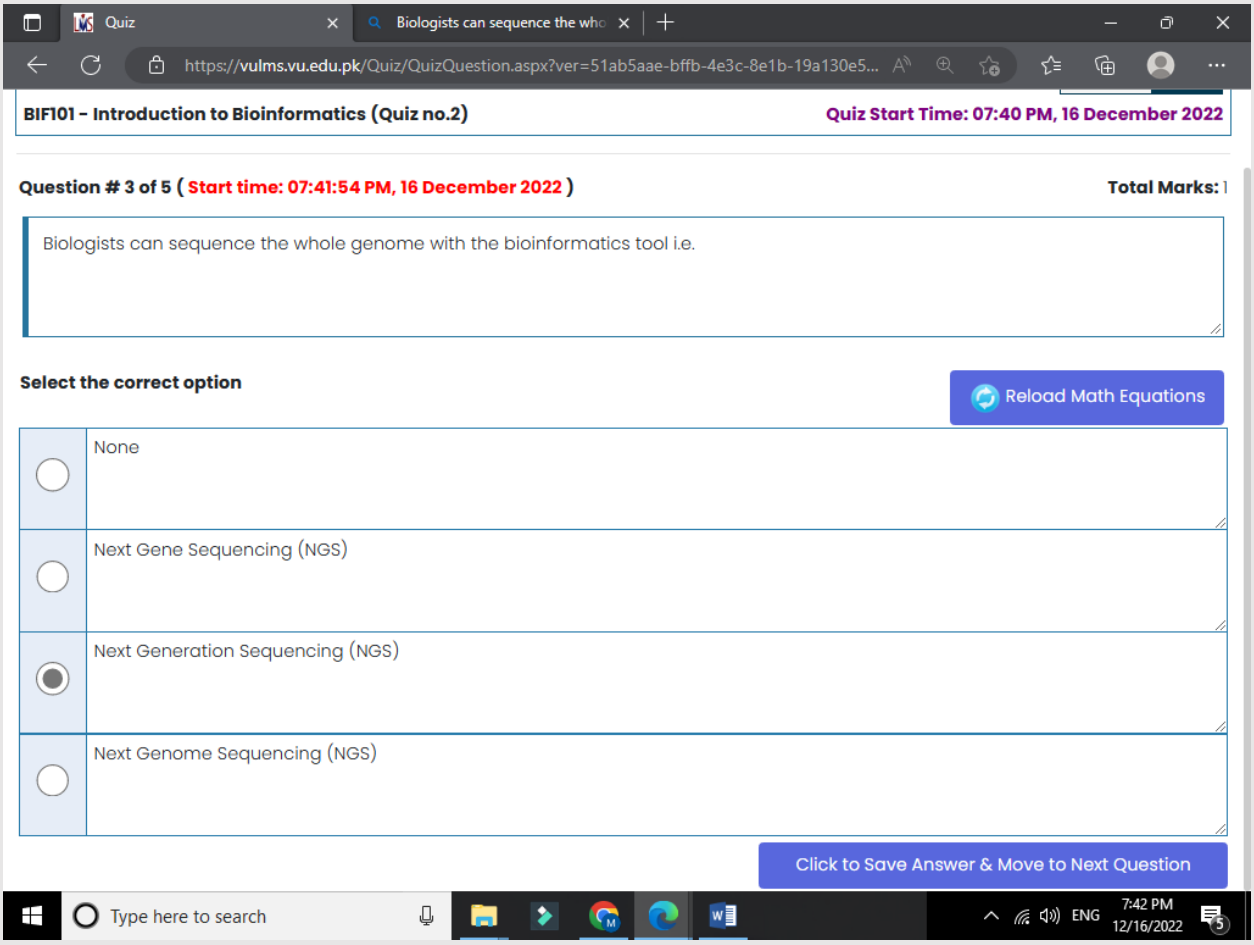

DNA molecule although is double stranded and RNA is single stranded but there is difference in sugar composition

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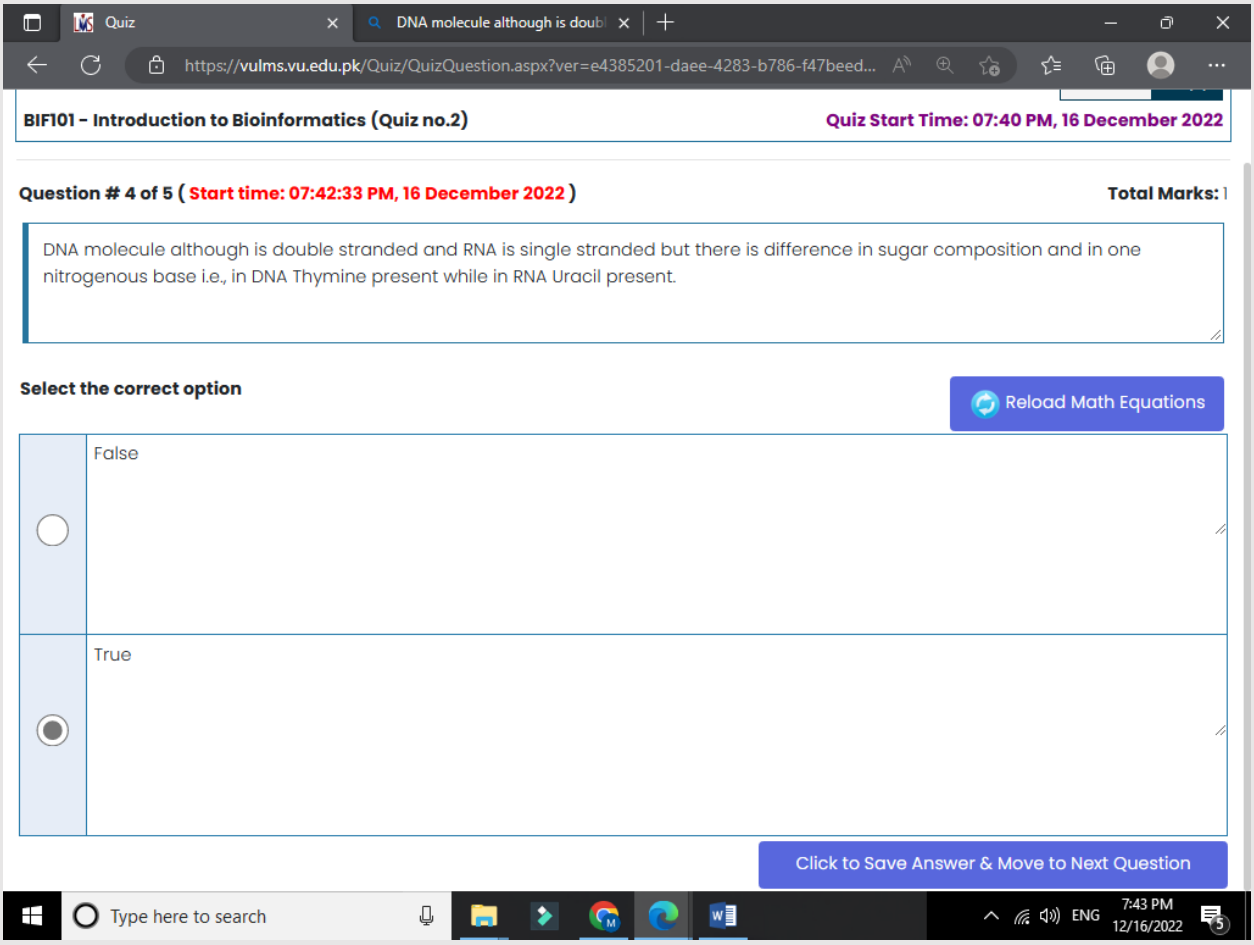
and in one nitrogenous base i.e., in DNA Thymine present while in RNA Uracil present.



Proteins may take on various _____ leading to a very large number of functionally unique molecules.

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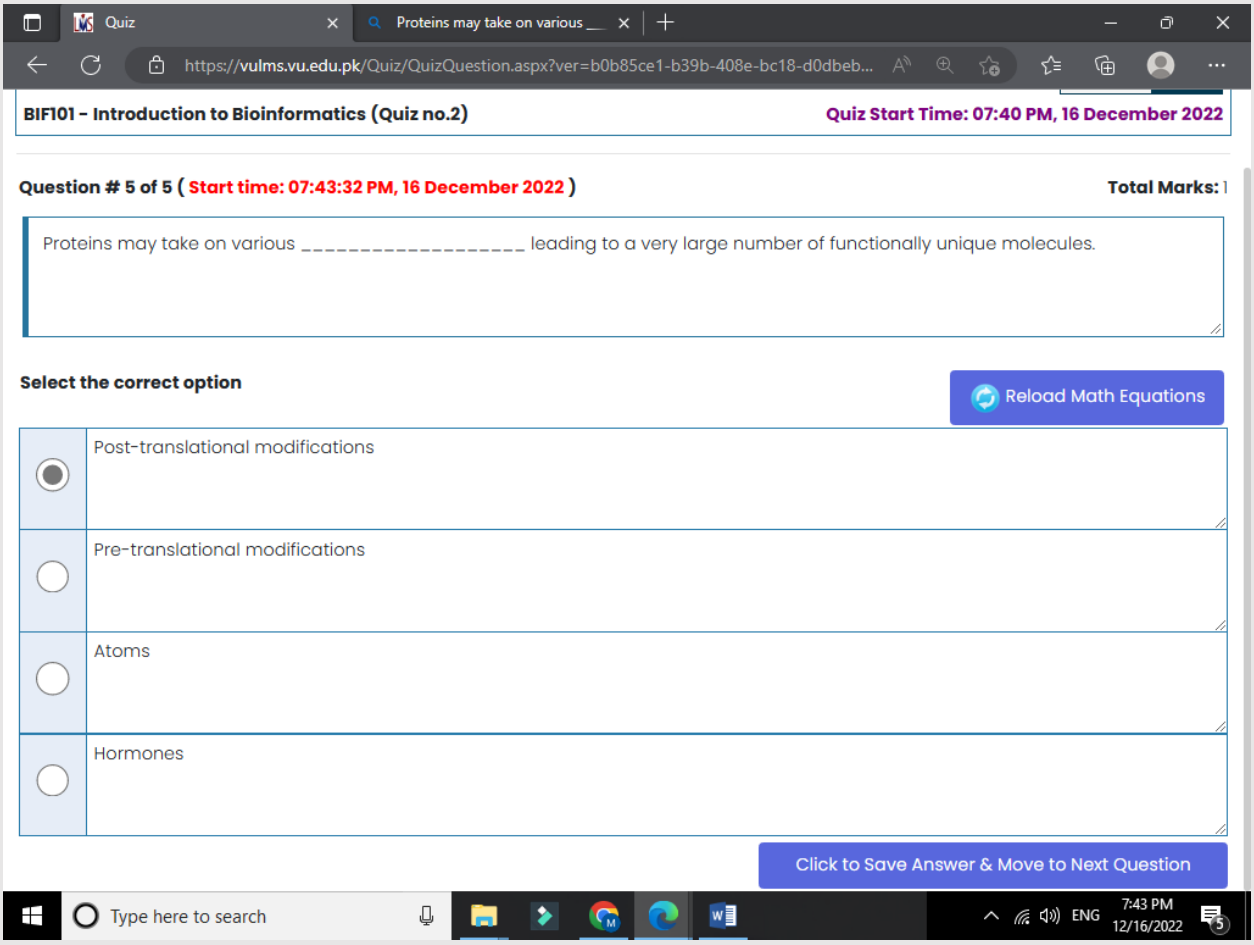

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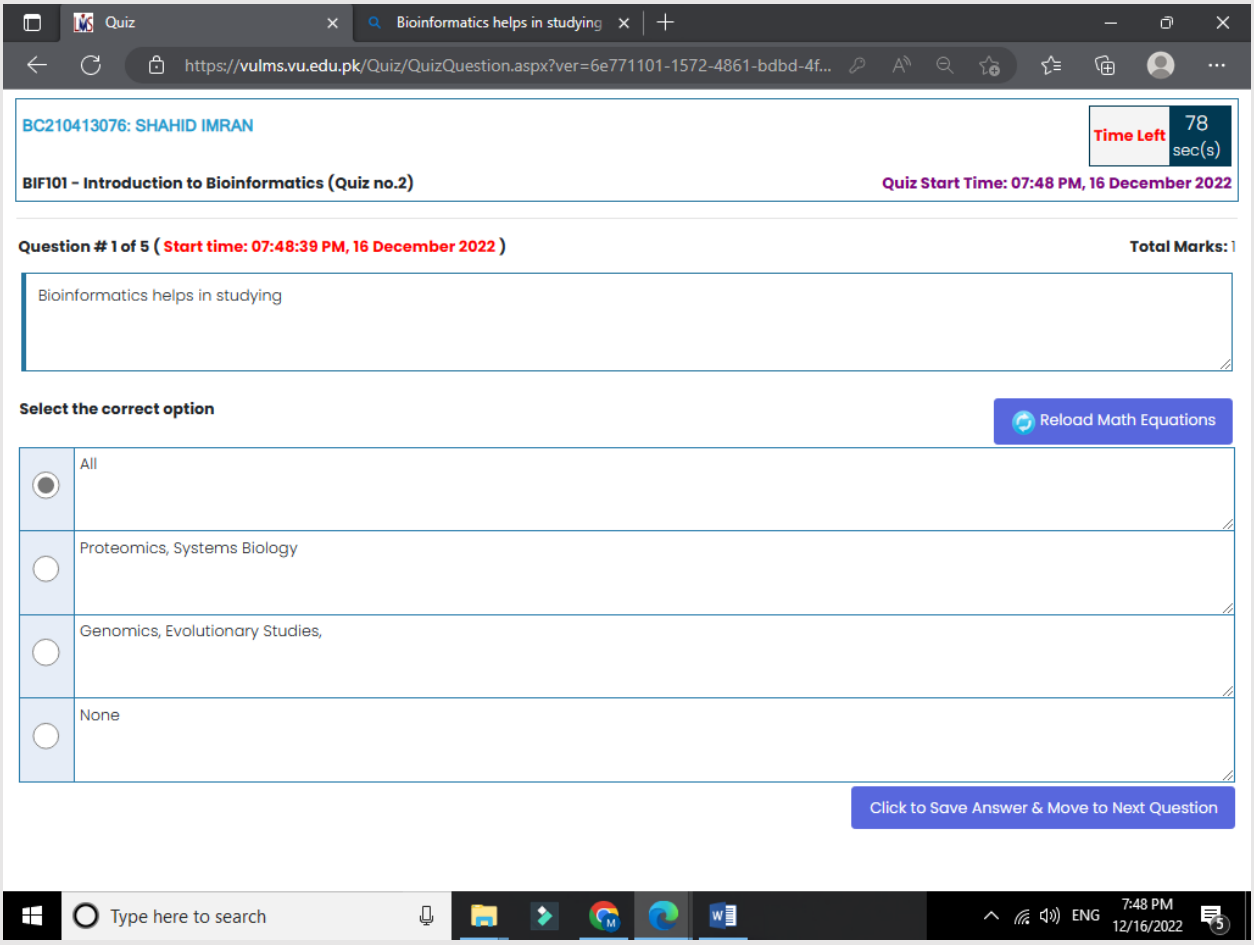

_____ is the process by which the information in a strand of DNA is

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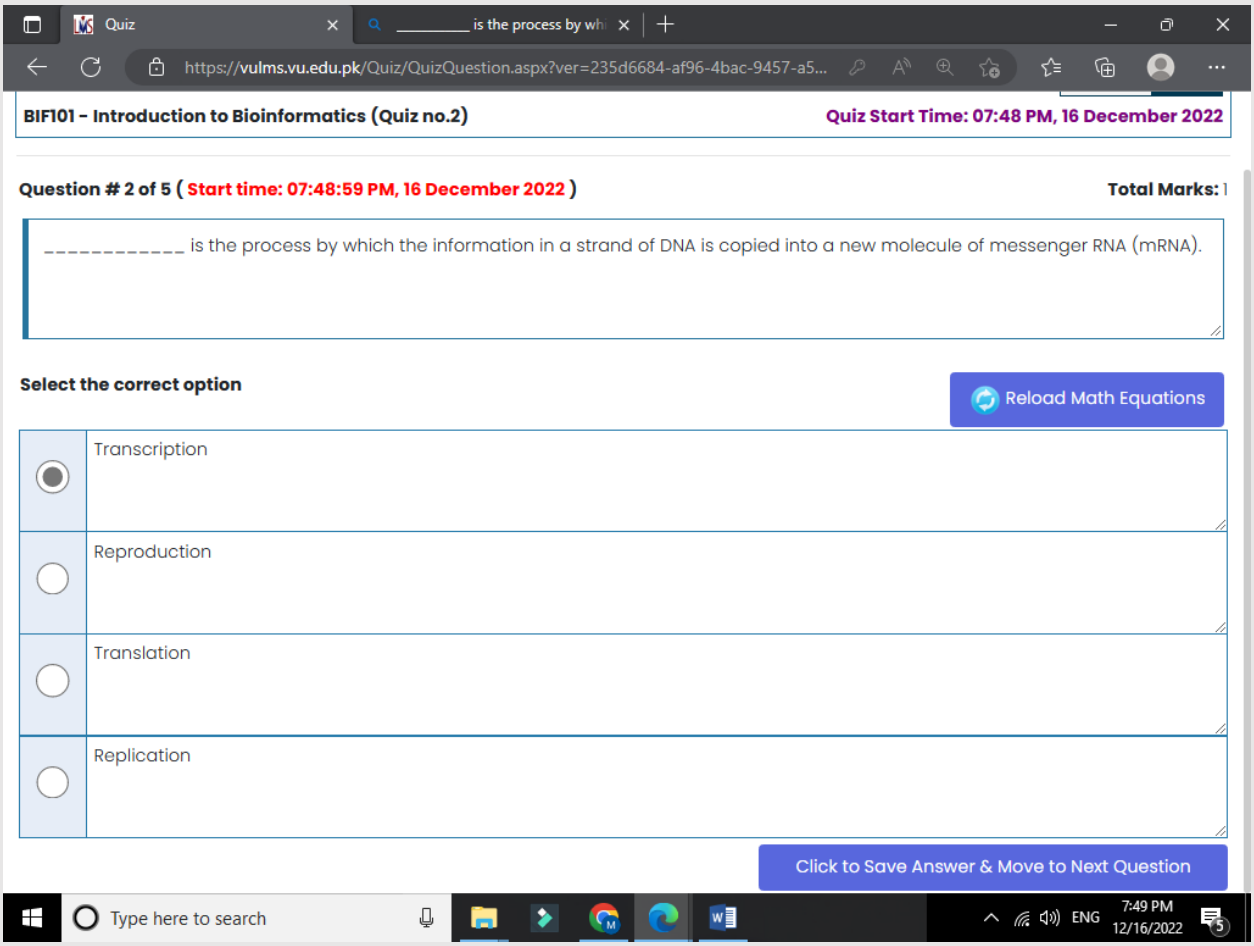
copied into a new molecule of messenger RNA (mRNA).



DNA sends the information to cell via mRNA and that sequence the amino acids according to coded information

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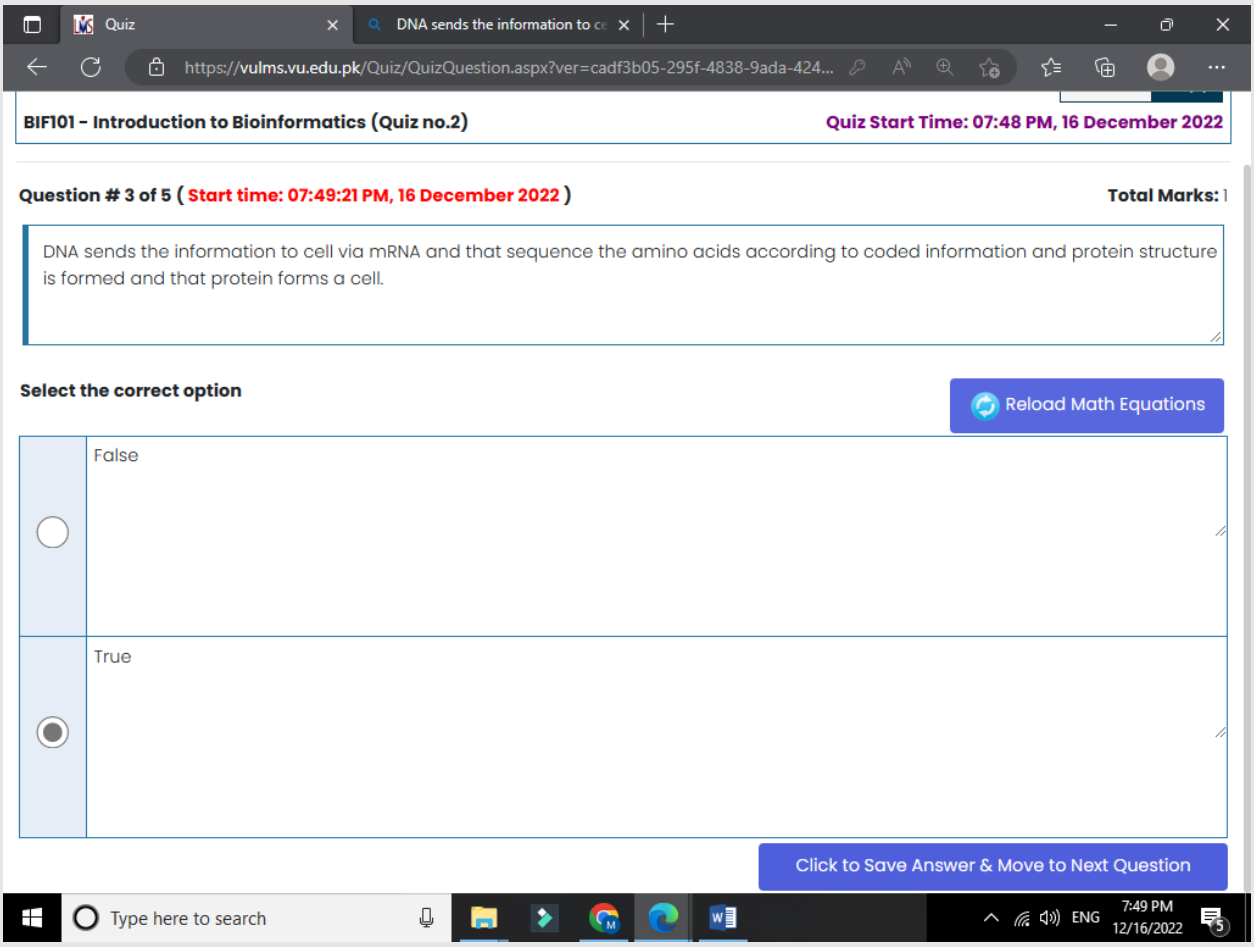
and protein structure is formed and that protein forms a cell.



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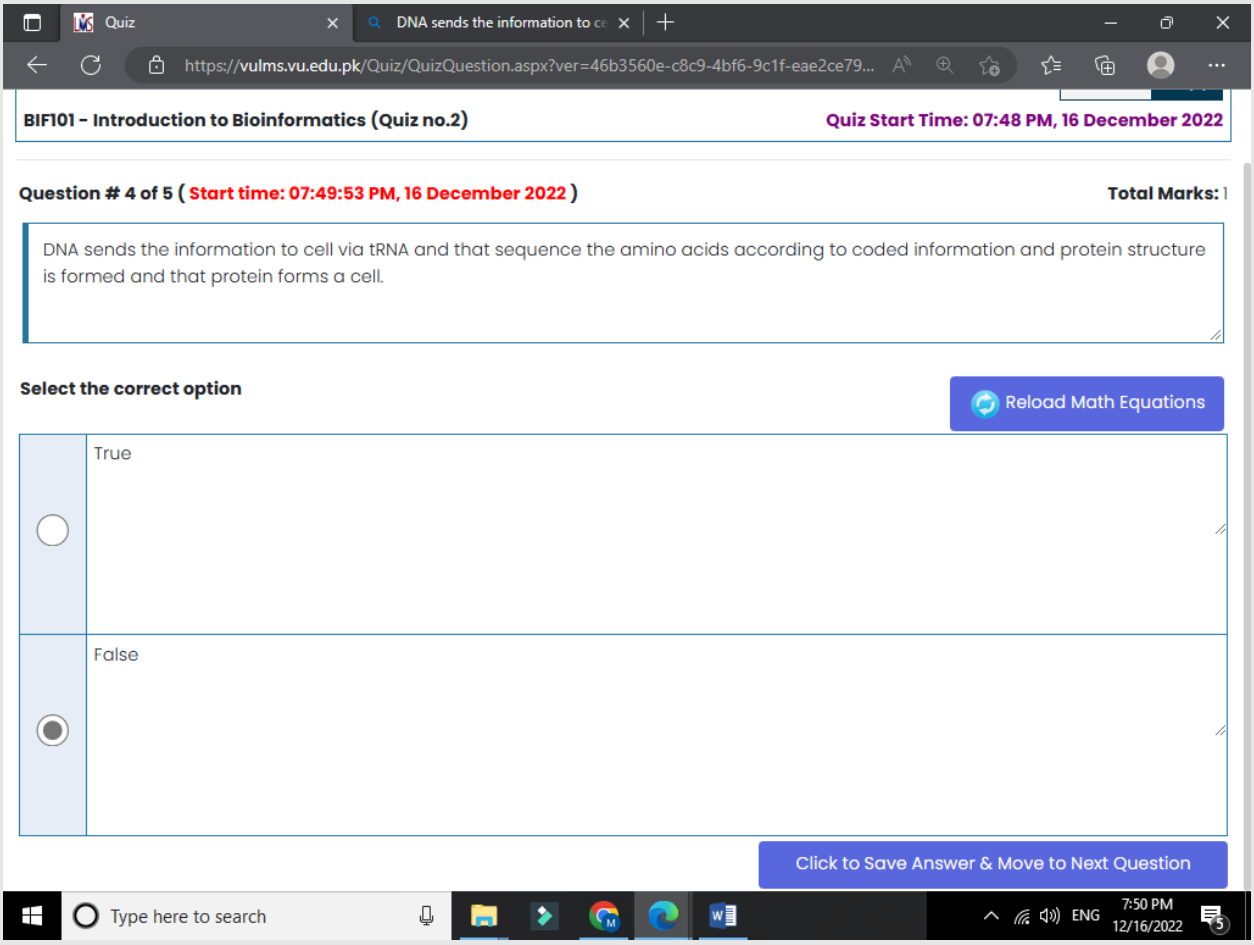

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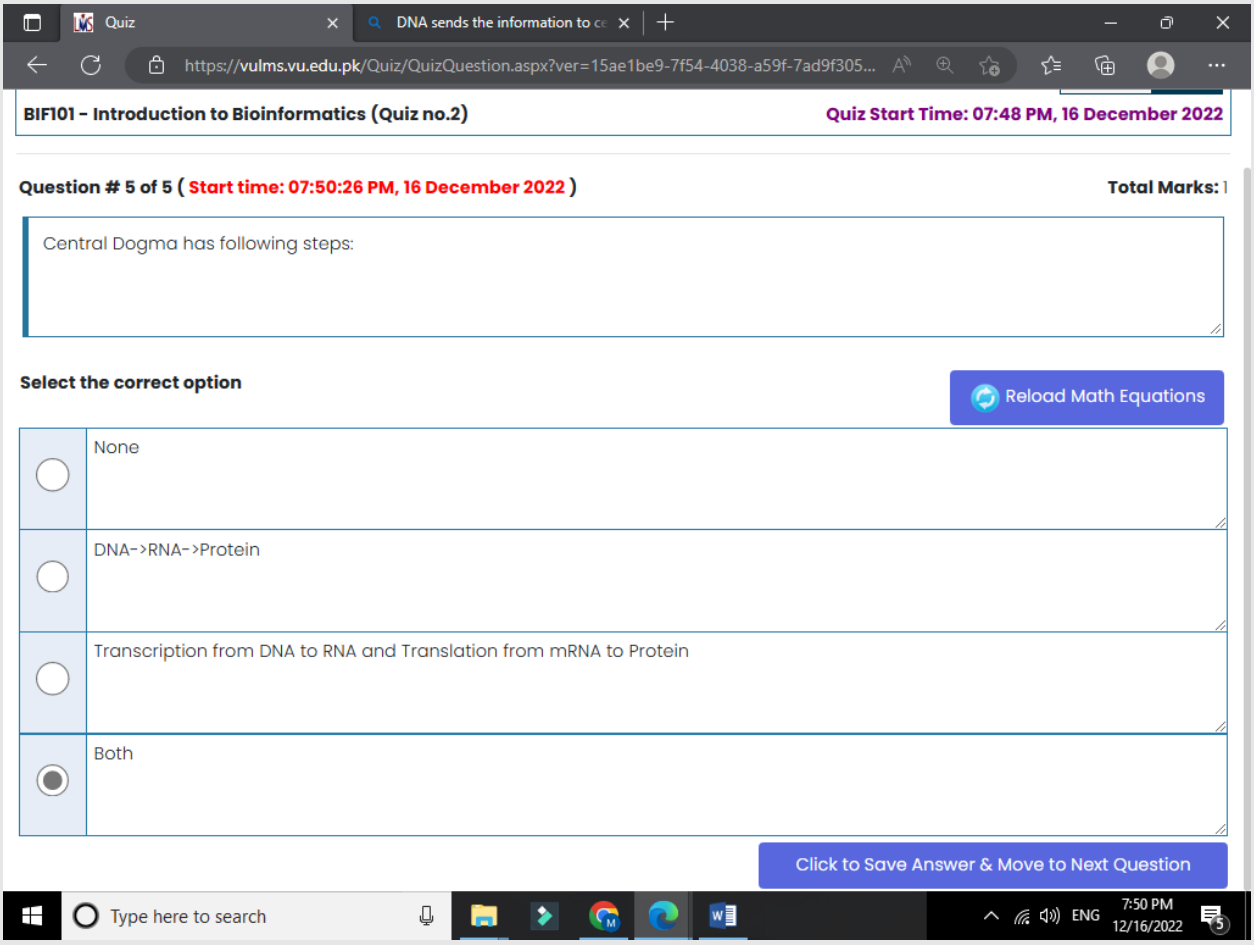

There is all are 100% right solved

But there is a little chance of any mistake

Please if you find any mistake then also let us to Know

Muhammad Zaman

03044756496

JazakAllaH

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