

BIO303 Quiz #2

Solved By Tabih Fatima



Admin= All about Biotech

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Your exam.)

Question # 7 of 10 (Start time: 05:01:44 PM, 21 August 2021)

Total Marks: 1

_____ arm of tRNA contains the base dihydrouridine.

Select the correct option

☐	Acceptor arm
☐	All of given
☐	4-TΨC arm
☐	3-D

[Click to Show Answer / To Move to Next Question](#)



BC190413639: DAMINA SHAHZADI

Time Left 89 sec(s)

BIO303:2nd Quiz

Quiz Start Time: 04:52 PM, 21 August 2021

Question # 10 of 10 (Start time: 05:04:40 PM, 21 August 2021)

Total Marks:

In the systematic naming system, enzymes are divided into ____major classes.

Select the correct option

- | | |
|----------------------------------|-------|
| ☐ | Four |
| ☒ | Six |
| ☐ | Seven |
| ☐ | Five |

Click to Save Answer & Move to Next Question



Which of the following enzymes catalyze the addition of a group to substrate?

Select the correct option

- | | |
|----------------------------------|-----------------|
| ☒ | Lyases |
| ☐ | Oxidoreductases |
| ☐ | Transferases |
| ☐ | Hydrolases |

Click to Save Answer & Move to Next Question

Acceptor arm of tRNA is made up of unpaired sequences of _____ at the 3' end.

Select the correct option

- ☐ Adenine-adenine-cytosine
- ☐ Adenine-cytosine-adenine
- ☒ cytosine-cytosine-adenine
- ☐ Adenine-adenine-Adenine

Click on the correct answer (1 point)



_____ arm of tRNA contains the base dihydrouridine.

Select the correct option

- ☐ 4-T Ψ C arm
- ☐ Acceptor arm
- ☒ 3-D
- ☐ All of given

Click on the correct answer to mark it as correct.

All tRNA molecules contain ____main arms or loops.

Select the correct option

- ☐ 5
- ☐ 2
- ☒ 4
- ☐ 3

Click to View Answer & Mark as Correct Question

Which one of the following enzymes catalyze the addition of CO_2 to double bonds?

Select the correct option

- | | |
|----------------------------------|---------------|
| ☐ | Phospholipase |
| ☒ | Lyase |
| ☐ | Hydrolase |
| ☐ | Peptidase |

Go to Question Answer / 3 of 10 (21 August 2021)

Which one of the following enzymes catalyze the addition of H_2O to double bonds?

Select the correct option

- | | |
|----------------------------------|---------------|
| ☐ | Hydrolase |
| ☒ | Lyase |
| ☐ | Phospholipase |
| ☐ | Peptidase |

Go to Question / Move to Next Question

Which one of the following enzymes catalyze the removal of NH_3 leaving behind double bonds?

Select the correct option

- ☐ Phospholipase
- ☒ Lyase
- ☐ Peptidase
- ☐ Hydrolase

Click on the Answer & Try to Mark it as Correct

Question # 8 of 10 (Start time: 06:06:56 PM, 21 August 2021)

Total Marks:

Which one of the following reactions is catalyzed by Phosphotransferases?

Select the correct option

- ☐ Change of molecular form of substrate
- ☐ Non-hydrolytic removal of a group from a substrate
- ☐ Hydrolysis of substrate
- ☒ Transfer of specific group from one substrate to another

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

Which one of the following enzymes catalyzes the transfer of a phosphate groups?

Select the correct option

- | | |
|----------------------------------|-----------------|
| ☒ | Transferases |
| ☐ | Hydrolases |
| ☐ | Hexokinase |
| ☐ | Oxidoreductases |

Click to Save Answer & Move to Next Question



Estrases belong to _____ group of enzymes.

Select the correct option

- | | |
|----------------------------------|-----------------|
| ☐ | Ligases |
| ☐ | Isomerases |
| ☐ | Oxidoreductases |
| ☒ | Hydrolases |

Click to Show Answer & View Correct Answer





Question # 1 of 10 (Start time: 06:11:51 PM, 21 August 2021)

Removal of phosphoryl groups is catalyzed by_____

Select the correct option

☐

Diphtheria toxin and cholera toxin

☐

Dinitrogenase reductase

☐

Protein phosphatases

☒

Protein kinases

Click to Save Answer & Move to Next Q





Question # 2 of 10 (Start time: 06:13:02 PM, 21 August 2021)

Total /

Which one of the following enzymes catalyze the addition of NH_3 to double bonds?

Select the correct option

- | | |
|----------------------------------|---------------|
| ☐ | Phospholipase |
| ☒ | Lyase |
| ☐ | Hydrolase |
| ☐ | Peptidase |

Click to Save Answer & Move to Next Question





Question # 3 of 10 (Start time: 06:13:27 PM, 21 August 2021)

Total Mark

Oxidases belong to _____ group of enzymes.

Select the correct option

- | | |
|----------------------------------|-----------------|
| ☐ | Isomerases |
| ☐ | Transferases |
| ☐ | Ligases |
| ☒ | Oxidoreductases |

Click to See Answer & Move to Next Question





Which one of the following is a lipid hydrolyzing enzyme?

Select the correct option

- | | |
|----------------------------------|---------------|
| ☐ | Lyase |
| ☒ | Phospholipase |
| ☐ | Hydrolase |
| ☐ | Peptidase |

Click to Save / Answer / Move to Next Question





Question # 5 of 10 (Start time: 06:15:04 PM, 21 August 2021)

T

RNAs make up ____ of the total RNA in the cell.

Select the correct option

- | | |
|----------------------------------|-----|
| ☐ | 50% |
| ☒ | 80% |
| ☐ | 20% |
| ☐ | 5% |

Click to Save Answer & Move to Next Question





Question # 6 of 10 (Start time: 06:15:41 PM, 21 August 2021)

Total

Which one of the following enzymes catalyze the conversion of 2-Phosphoglycerate to Phosphoenolpyruvate?

Select the correct option

- | | |
|----------------------------------|---------------|
| ☐ | Phospholipase |
| ☐ | Peptidase |
| ☒ | Enolase |
| ☐ | Hydrolase |

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



QUIZ

QUIZ DATE TIME: 06:16 PM, 21 August 2021

Question # 7 of 10 (Start time: 06:16:52 PM, 21 August 2021)

Total Marks

Hydroperoxidases belong to _____ group of enzymes

Select the correct option

☐

Lyases

☐

Ligases

☐

Isomerases

☒

Oxidoreductases

Check Answer & Move to Next Question





Question # 8 of 10 (Start time: 06:17:32 PM, 21 August 2021)

Total

Adenine pairs with ____ in RNA.

Select the correct option

- | | |
|----------------------------------|----------|
| ☐ | Cytosine |
| ☒ | Uracil |
| ☐ | Guanine |
| ☐ | Thymine |

Click to Save Answer & Move to Next Question





Which of the following reaction is catalyzed by Lyase?

Select the correct option



Transfer of group from one molecule to another



Formation of bonds



Intramolecular rearrangement of bonds



Breaking of bonds

Click to Save Answer & Move to Next Question





Question # 10 of 10 (Start time: 06:20:26 PM, 21 August 2021)

Total Marks

Which one of the following enzymes catalyze the conversion of fumarate to malate?

Select the correct option

- | | |
|----------------------------------|-----------|
| ☐ | Hydrolase |
| ☒ | Fumarase |
| ☐ | Peptidase |
| ☐ | Enolase |

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



BC190413639: DAMINA SHAHZADI

Time Left 86 sec(s)

BIO303:2nd Quiz

Quiz Start Time: 04:52 PM, 21 August 2021

Question # 9 of 10 (Start time: 05:03:31 PM, 21 August 2021)

Total Marks:

Which one of the following enzymes catalyze the addition of NH_3 to double bonds?

Select the correct option

☐	Phospholipase
☐	Hydrolase
☐	Peptidase
☐	Lyase

Click to Save Answer & Move to Next Question





BC190413639: DAMINA SHAHZADI

Time Left 83 sec(s)

BIO303:2nd Quiz

Quiz Start Time: 04:52 PM, 21 August 2021

Question # 8 of 10 (Start time: 05:02:45 PM, 21 August 2021)

Total Marks:

Which of the following enzymes catalyze the transfer of specific group from one substrate to another?

Select the correct option

- | | |
|----------------------------------|-----------------|
| ☐ | Hydrolases |
| ☐ | Oxidoreductases |
| ☒ | Transferases |
| ☐ | Lyases |

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



BC190413639: DAMINA SHAHZADI

Time Left 87 sec(s)

BIO303:2nd Quiz

Quiz Start Time: 04:52 PM, 21 August 2021

Question # 7 of 10 (Start time: 05:01:44 PM, 21 August 2021)

Total Marks:

_____ arm of tRNA contains the base dihydrouridine.

Select the correct option

- | | |
|-----------------------|--------------|
| ☐ | Acceptor arm |
| ☐ | All of given |
| ☐ | 4-TΨC arm |
| ☐ | 3-D |

Click to Save Answer & Move to Next Question





BC190413639: DAMINA SHAHZADI

Time Left 89 sec(s)

BIO303:2nd Quiz

Quiz Start Time: 04:52 PM, 21 August 2021

Question # 6 of 10 (Start time: 05:01:08 PM, 21 August 2021)

Total Marks:

Which of the following enzymes catalyze oxidation-reduction reaction?

Select the correct option

- | | |
|----------------------------------|-----------------|
| ☐ | Hydrolases |
| ☒ | Oxidoreductases |
| ☐ | Lyases |
| ☐ | Transferases |

Click to Save Answer & Move to Next Question





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Time Left 89 sec(s)

BIO303:2nd Quiz

Quiz Start Time: 04:52 PM, 21 August 2021

Question # 5 of 10 (Start time: 04:59:48 PM, 21 August 2021)

Total Marks:

Decarboxylases belong to _____ group of enzymes.

Select the correct option

- | | |
|-----------------------|-----------------|
| ☐ | Lyases |
| ☐ | Ligases |
| ☐ | Isomerases |
| ☐ | Oxidoreductases |

Click to Save Answer & Move to Next Question





BC190413639: DAMINA SHAHZADI

Time Left 85 sec(s)

BIO303:2nd Quiz

Quiz Start Time: 04:52 PM, 21 August 2021

Question # 4 of 10 (Start time: 04:58:16 PM, 21 August 2021)

Total Marks:

Which of the following enzymes catalyze the transfer of electrons from one substrate to another?

Select the correct option

- | | |
|-----------------------|-----------------|
| ☐ | Lyases |
| ☐ | Transferases |
| ☐ | Hydrolases |
| ☐ | Oxidoreductases |

Click to Save Answer & Move to Next Question





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Time Left 89 sec(s)

BIO303:2nd Quiz

Quiz Start Time: 04:52 PM, 21 August 2021

Question # 3 of 10 (Start time: 04:56:32 PM, 21 August 2021)

Total Marks:

Which one of the following enzymes catalyze the removal of H_2O from 2-Phosphoglycerate?

Select the correct option

- | | |
|-----------------------|---------------|
| ☐ | Enolase |
| ☐ | Hydrolase |
| ☐ | Phospholipase |
| ☐ | Lyase |

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



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Time Left 89
sec(s)

BIO303:2nd Quiz

Quiz Start Time: 04:52 PM, 21 August 2021

Question # 2 of 10 (Start time: 04:55:00 PM, 21 August 2021)

Total Marks:

Citric acid Synthetase belong to _____ group of enzymes.

Select the correct option

- | | |
|----------------------------------|-----------------|
| ☐ | Oxidoreductases |
| ☒ | Ligases |
| ☐ | Lyases |
| ☐ | Isomerases |

Click to Save Answer & Move to Next Question

