

VU Medical Zone

BIO 303 Quiz 1 Spring 2021

BIO303:Quiz

Quiz Start Time: 01:51 AM, 30 July 2021

Question # 1 of 10 (Start time: 01:51:16 AM, 30 July 2021)

Total Marks: 1

The enzyme _____ catalyzes a reversible shift of the phosphoryl group between C-2 and C-3 of glyceraldehyde.

Select the correct option

☐	Triose phosphate isomerase	
☒	Phosphoglycerate mutase	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Aldolase	
☐	Phosphofructokinase-1	

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Quiz Start Time: 01:51 AM, 30 July 2021

Question # 2 of 10 (Start time: 01:52:13 AM, 30 July 2021)

Total Marks: 1

The composition of a reacting system tends to continue changing until

Select the correct option

[Reload Math Equations](#)

☐	Reaction becomes very slow	
☐	Reaction attains maximum speed	
☒	Reaction attains equilibrium	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Reactants are finished	

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

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BIO303:Quiz

Quiz Start Time: 01:51 AM, 30 July 2021

Question # 3 of 10 (Start time: 01:52:48 AM, 30 July 2021)

Total Marks: 1

At standard biochemical state, the concentration of water is

Select the correct option

Reload Math Equations

☐	100M
☐	5.5M
☒	55.5M
☐	71.5M

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Windows taskbar showing search bar, task view, and system tray with date/time (1:53 AM, 7/30/2021).

BIO303:Quiz

Quiz Start Time: 01:51 AM, 30 July 2021

Question # 4 of 10 (Start time: 01:53:20 AM, 30 July 2021)

Total Marks: 1

The conversion of glucose into pyruvate is _____.

Select the correct option

☒	Exergonic
☐	None of given
☐	Endergonic
☐	Both of given

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Windows taskbar showing search bar, task view, and system tray with date/time (1:54 AM, 7/30/2021).

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BIO303:Quiz

Quiz Start Time: 01:51 AM, 30 July 2021

Question # 5 of 10 (Start time: 01:54:04 AM, 30 July 2021)

Total Marks: 1

The energy releases from ATP by breakage of _____.

Select the correct option

☒	Covalent bond	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Peptide bond	
☐	Hydrogen bond	
☐	Phosphodiester bond	

Windows taskbar showing search bar, task view, and system tray with date/time: 1:54 AM 7/30/2021.

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Quiz Start Time: 01:51 AM, 30 July 2021

Question # 6 of 10 (Start time: 01:54:47 AM, 30 July 2021)

Total Marks: 1

Bioenergetics is the _____ study of the energy transductions changes of one form of energy into another.

Select the correct option

☐	Both Quantitative and Qualitative	
☒	Quantitative	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Qualitative	
☐	None of given	

Windows taskbar showing search bar, task view, and system tray with date/time: 1:55 AM 7/30/2021.

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BIO303:Quiz

Quiz Start Time: 01:51 AM, 30 July 2021

Question # 7 of 10 (Start time: 01:55:14 AM, 30 July 2021)

Total Marks: 1

Which one of the following is a hydroxy ketone or aldehyde?

Select the correct option

☐	Enol
☐	Phenol
☐	Ester
☒	Aldol

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

BIO303:Quiz

Quiz Start Time: 01:51 AM, 30 July 2021

Question # 8 of 10 (Start time: 01:55:44 AM, 30 July 2021)

Total Marks: 1

_____ reaction is essentially irreversible under cellular conditions, and it is the first "committed" step in the glycolytic pathway

Select the correct option

[Reload Math Equations](#)

☐	Phosphoketo aldolase
☐	Phosphofructose alsolase
☐	phosphogluco mutase
☒	Phosphofructose Kinase-1

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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

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BIO303:Quiz

Quiz Start Time: 01:51 AM, 30 July 2021

Question # 9 of 10 (Start time: 01:56:25 AM, 30 July 2021)

Total Marks: 1

Preparatory phase of glycolysis utilizes total of ____ molecules of ATP.

Select the correct option

☒	Two	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	One	
☐	Three	
☐	Four	

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Quiz Start Time: 01:51 AM, 30 July 2021

Question # 10 of 10 (Start time: 01:57:27 AM, 30 July 2021)

Total Marks: 1

All of the following is true about reduction reaction except ____.

Select the correct option

☐	Gain of hydrogen	
☐	Removal of oxygen	
☐	Gain of electrons	
☒	Addition of oxygen	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

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