

VU Medical Zone

BIO 503 QUIZ NO 1 FALL 2020

BIO503:Quiz No 1

Quiz Start Time: 10:46 AM, 08 December 2020

Question # 1 of 10 (Start time: 10:46:49 AM, 08 December 2020)

Total Marks: 1

A _____ is a thin semi-permeable membrane that surrounds the cytoplasm of a cell, enclosing its contents.

Select the correct option

☐	Plasma membrane	
☒	Cell membrane	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
☐	Nuclear membrane	
☐	ALL	

Click to Save Answer & Move to Next Question



BIO503:Quiz No 1

Quiz Start Time: 10:46 AM, 08 December 2020

Question # 2 of 10 (Start time: 10:47:29 AM, 08 December 2020)

Total Marks: 1

The third law of thermodynamics was developed by the _____

Select the correct option

☐	Louis Pastuer	
☒	Walther Nernst	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
☐	Watson	
☐	Crick	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO503:Quiz No 1

Quiz Start Time: 10:46 AM, 08 December 2020

Question # 3 of 10 (Start time: 10:48:02 AM, 08 December 2020)

Total Marks: 1

Reactions that have a negative ΔG release free energy and are called _____.

Select the correct option

☐	Nonsontaneous reactions	
☒	Exergonic reactions	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
☐	Endergonic reactions	
☐	ALL	

Click to Save Answer & Move to Next Question



10:48 AM
08-Dec-20

BIO503:Quiz No 1

Quiz Start Time: 10:46 AM, 08 December 2020

Question # 4 of 10 (Start time: 10:48:37 AM, 08 December 2020)

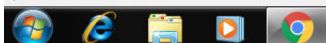
Total Marks: 1

_____ does not require a cell to use energy.

Select the correct option

☐	Active transport	
☒	Passive transport	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
☐	Osmosis	
☐	ALL	

Click to Save Answer & Move to Next Question



10:49 AM
08-Dec-20

EFFORT BY AMAAN KHAN

VU Medical Zone

BIO503:Quiz No 1

Quiz Start Time: 10:46 AM, 08 December 2020

Question # 5 of 10 (Start time: 10:49:24 AM, 08 December 2020)

Total Marks: 1

Reactions with a positive ΔG ($\Delta G > 0$), on the other hand, require an input of energy and are called _____

Select the correct option

☒	Endergonic reactions	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
☐	Spontaneous reactions	
☐	Exergonic reactions	
☐	ALL	

Click to Save Answer & Move to Next Question



10:50 AM
08-Dec-20
sec(s)

BIO503:Quiz No 1

Quiz Start Time: 10:46 AM, 08 December 2020

Question # 6 of 10 (Start time: 10:50:22 AM, 08 December 2020)

Total Marks: 1

_____ requires a cell to use energy to move molecules through its cell membrane.

Select the correct option

☒	Active transport	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
☐	Passive transport	
☐	Osmosis	
☐	ALL	

Click to Save Answer & Move to Next Question



10:50 AM
08-Dec-20

EFFORT BY AMAAN KHAN

VU Medical Zone

BIO503:Quiz No 1

Quiz Start Time: 10:46 AM, 08 December 2020

Question # 7 of 10 (Start time: 10:50:40 AM, 08 December 2020)

Total Marks: 1

_____ is the totality of an organism's chemical reactions.

Select the correct option

- | | | |
|----------------------------------|------------|--|
| ☐ | Catabolism | |
| ☒ | Metabolism | Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com |
| ☐ | Anabolism | |
| ☐ | ALL | |

Click to Save Answer & Move to Next Question



10:50 AM
08-Dec-20

BIO503:Quiz No 1

Quiz Start Time: 10:46 AM, 08 December 2020

Question # 8 of 10 (Start time: 10:50:54 AM, 08 December 2020)

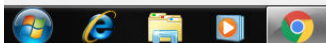
Total Marks: 1

_____ release energy by breaking down complex molecules into simpler compounds

Select the correct option

- | | | |
|----------------------------------|--------------------|--|
| ☒ | Catabolic pathways | Answer solved by Amaan Khan
Contact: 0305-4716616
Email:maniamaan2@gmail.com |
| ☐ | Metabolic pathways | |
| ☐ | Anabolic Pathways | |
| ☐ | ALL | |

Click to Save Answer & Move to Next Question



10:51 AM
08-Dec-20

EFFORT BY AMAAN KHAN

VU Medical Zone

BIO503:Quiz No 1

Quiz Start Time: 10:46 AM, 08 December 2020

Question # 9 of 10 (Start time: 10:51:11 AM, 08 December 2020)

Total Marks: 1

_____ consume energy to build complex molecules from simpler ones

Select the correct option

☐	Catabolic pathways	
☒	Anabolic pathways	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
☐	Metabolic pathways	
☐	ALL	

Click to Save Answer & Move to Next Question



10:51 AM
08-Dec-20

BIO503:Quiz No 1

Quiz Start Time: 10:46 AM, 08 December 2020

Question # 10 of 10 (Start time: 10:51:27 AM, 08 December 2020)

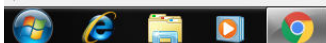
Total Marks: 1

Boiling point of water in Fahrenheit is _____

Select the correct option

☒	212°F	Answer solved by Amaan Khan Contact: 0305-4716616 Email:maniamaan2@gmail.com
☐	214°F	
☐	216°F	
☐	218°F	

Click to Save Answer & Move to Next Question



10:51 AM
08-Dec-20

EFFORT BY AMAAN KHAN