



Quiz

<https://quiz.vu.edu.pk>

BC200415328: FATIMA

Time Left 08 sec(s)

ZOO404: Quiz no 1

Quiz Start Time: 06:51 AM, 13 June 2022

Question # 6 of 6 (Start time: 06:54:20 AM, 13 June 2022)

Total Marks

Aquaporins are commonly known as _____?

Select the correct option

Reload Math Equation

- | | |
|----------------------------------|------------------------|
| ☐ | Metabolites |
| ☐ | Membrane proteins |
| ☒ | Water channel proteins |
| ☐ | Water carrier proteins |

Click to Save Answer & Move to Next Question





Quiz

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ZOO404:Quiz no 1

Quiz Start Time: 06:51 AM, 13 June 20

Question # 5 of 5 (Start time: 06:53:09 AM, 13 June 2022)

Total Mark

Which of the following is not an example of homeostatic regulation _____?

Select the correct option

Reload Math Equation

- | | |
|----------------------------------|-------------------------------------|
| ☐ | Regulation of glucose concentration |
| ☐ | Regulation of oxygen level |
| ☐ | Regulation of pH |
| ☒ | Regulation of mental stability |



Click to Save Answer & Move to Next Question





Quiz

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Question # 4 of 6 (Start time: 06:52:55 AM, 13 June 2022)

Donnan Equilibrium happens because the gradients are not only chemical but are also _____.

Select the correct option

Reload

- | | |
|----------------------------------|-----------------|
| ☐ | Neutral |
| ☒ | Electrical |
| ☐ | Basic |
| ☐ | Electrochemical |

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



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Question # 4 of 6 (Start time: 06:52:55 AM, 13 June 2022)

Donnan Equilibrium happens because the gradients are not only chemical but are also _____.

Select the correct option

Reload

- | | |
|----------------------------------|-----------------|
| ☐ | Neutral |
| ☒ | Electrical |
| ☐ | Basic |
| ☐ | Electrochemical |

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



Quiz

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Question # 3 of 6 (Start time: 06:52:16 AM, 13 June 2022)

Total

Polar Substances and ions have difficulty in passing through the plasma membrane because the interior of the lipid bilayer has a _____ nature.

Select the correct option

[Reload Math E](#)

- | | |
|----------------------------------|--------------|
| ☐ | Resistant |
| ☒ | Hydrophobic |
| ☐ | Water Loving |
| ☐ | Hydrophilic |

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



Quiz

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ZOO404:Quiz no 1

Quiz Start Time: 06:03 AM, 13 Jun

Question # 6 of 6 (Start time: 06:47:33 AM, 13 June 2022)

Total A

How many times per second does the heart of a humming bird beats during a hovering flight_____?

Select the correct option

Reload Math Equ

☐	10
☐	5
☐	30
☒	20

Click to Save Answer & Move to Next Question



Question # 2 of 6 (Start time: 06:51:34 AM, 13 June 2022)

Total Marks: 1

The ability of Bar-headed goose to fly above the peaks of Mount Everest is an example of _____?

Select the correct option

[Reload Math Equations](#)

☐	Acclimation
☐	Extrinsic
☐	Acclimatization
☐	Adaptation

[Click to See Answer and Move to Next Question](#)

Question # 2 of 6 (Start time: 06:51:34 AM, 13 June 2022)

Total Marks: 1

The ability of Bar-headed goose to fly above the peaks of Mount Everest is an example of _____?

Select the correct option

[Reload Math Equations](#)

☐	Acclimation
☐	Extrinsic
☐	Acclimatization
☒	Adaptation

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



Quiz

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ZOO404:Quiz no 1

Quiz Start Time: 06:03 AM, 13

Question # 5 of 6 (Start time: 06:46:58 AM, 13 June 2022)

To

The rate of diffusion of a solute is calculated by the _____ Equation.

Select the correct option

[Reload Mat](#)

Ekert Diffusion



Fick Diffusion



Frick Diffusion



Crick Diffusion

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



Quiz

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ZOO404:Quiz no 1

Quiz Start Time: 06:03 AM, 13 Jun

Question # 3 of 6 (Start time: 06:43:52 AM, 13 June 2022)

Total

Donnan Equilibrium happens because the gradients are not only chemical but are also _____.

Select the correct option

Reload Math E

- | | |
|----------------------------------|-----------------|
| ☐ | Neutral |
| ☐ | Electrochemical |
| ☒ | Electrical |
| ☐ | Basic |

Click to Save Answer & Move to Next Question





Quiz

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ZOO404:Quiz no 1

Quiz Start Time: 06:03 AM, 13 Jun

Question # 3 of 6 (Start time: 06:43:52 AM, 13 June 2022)

Total

Donnan Equilibrium happens because the gradients are not only chemical but are also _____.

Select the correct option

Reload Math Editor

- | | |
|----------------------------------|-----------------|
| ☐ | Neutral |
| ☐ | Electrochemical |
| ☒ | Electrical |
| ☐ | Basic |

Click to Save Answer & Move to Next Question





Quiz

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ZOO404:Quiz no 1

Quiz Start Time: 06:03 AM, 13 J

Question # 2 of 6 (Start time: 06:43:04 AM, 13 June 2022)

Total

_____ uses internal control mechanisms to regulate internal conditions in order to maintain homeostasis.

Select the correct option

Reload Math



Inhibitors



Homeostatic balance



Conformers



Regulators

Click to Save Answer & Move to Next Quest





Quiz

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Question # 1 of 6 (Start time: 06:42:19 AM, 13 June 2022)

To

When a substance is more concentrated on one side of a membrane, there is a tendency for it to diffuse across the membrane, down its concentration _____.

Select the correct option

[Reload Math](#)

Level



Bar



Gradient



Passive movement

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

Question # 6 of 6 (Start time: 06:08:10 AM, 13 June 2022)

Total Marks: 1

An adaptive change that happens within an individual animal due to chronic exposure to new, naturally occurring environmental conditions is called as _____?

Select the correct option

[Reload Math Equations](#)

☐	Inheritable
☐	Acclimation
☐	Induced behavior
☒	Acclimatization

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

Question # 5 of 6 { Start time: 06:06:57 AM, 13 June 2022 }

Aquaporins are commonly known as ?

Select the correct option

- | | |
|----------------------------------|------------------------|
| ☐ | Metabolites |
| ☐ | Membrane proteins |
| ☐ | Water carrier proteins |
| ☒ | Water channel proteins |



Click to

Question # 4 of 6 (Start time: 06:06:10 AM, 13 June 2022)

Total Marks:

Intracellular concentration of Na^+ and Cl^- is maintained about _____ times lower than the extracellular concentration.

Select the correct option

 Reload Math Equations

- | | |
|----------------------------------|----|
| ☒ | 10 |
| ☐ | 5 |
| ☐ | 20 |
| ☐ | 15 |

[Click to Review your Answer to this Question](#)



Quiz

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Question # 3 of 6 (Start time: 06:05:40 AM, 13 June 2022)

The ability of Bar-headed goose to fly above the peaks of Mount Everest is an example of _____?

Select the correct option

- | | |
|-----------------------|-----------------|
| ☐ | Acclimatization |
| ☐ | Acclimation |
| ☐ | Extrinsic |
| ☐ | Adaptation |





Question # 2 of 6 (Start time: 06:04:22 AM, 13 June 2022)

Non-diffusible _____ produce Donnan effect

Select the correct option

☒	Anions
☐	Ionic solution
☐	Positively charged ion
☐	Cations