

VU Medical Zone

BIO 503 Quiz no 2 Spring 2021

BIO503:Quiz 2

Quiz Start Time: 11:43 PM, 24 August 2021

Question # 1 of 10 (Start time: 11:44:00 PM, 24 August 2021)

Total Marks: 1

_____ is a weak radioactive isotope of the element hydrogen, which occurs both naturally and during the operation of nuclear power plants.

Select the correct option

☐	Uranium
☐	Helium
☒	Tritium
☐	Carbon

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

BIO503:Quiz 2

Quiz Start Time: 11:43 PM, 24 August 2021

Question # 2 of 10 (Start time: 11:44:51 PM, 24 August 2021)

Total Marks: 1

Radioactivity can be detected using_____.

Select the correct option

☒	Photographic film
☐	Electrophoresis
☐	PCR
☐	Blotting

Answer solved by Amaan Khan
Contact: 0305-4716616
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EFFORT BY AMAAN KHAN

VU Medical Zone

BIO503:Quiz 2

Quiz Start Time: 11:43 PM, 24 August 2021

Question # 3 of 10 (Start time: 11:45:24 PM, 24 August 2021)

Total Marks: 1

The inverse of association constant is called constant.

Select the correct option

☐	Entropy
☐	energy
☐	enthalpy
☒	Dissociation

Answer solved by Amaan Khan
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BIO503:Quiz 2

Quiz Start Time: 11:43 PM, 24 August 2021

Question # 4 of 10 (Start time: 11:45:37 PM, 24 August 2021)

Total Marks: 1

Typical human hearing range is considered to be from

Select the correct option

☒	20 Hz to 20,000 Hz
☐	40 Hz to 50,000 Hz
☐	30 Hz to 40,000 Hz
☐	1Hz to 30,000 Hz

Answer solved by Amaan Khan
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EFFORT BY AMAAN KHAN

VU Medical Zone

BIO503:Quiz 2

Quiz Start Time: 11:43 PM, 24 August 2021

Question # 5 of 10 (Start time: 11:46:04 PM, 24 August 2021)

Total Marks: 1

ALARP stands for _____

Select the correct option

☐

None of these

☒

As Low As Reasonably Practicable

Answer solved by Amaan Khan
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Email: maniamaan2@gmail.com

☐

As Low As Randomly Practicable

☐

As Least As Reasonably Practicable

Type here to search

32°C Smoke 11:46 PM 8/24/2021

BIO503:Quiz 2

Quiz Start Time: 11:43 PM, 24 August 2021

Question # 6 of 10 (Start time: 11:47:26 PM, 24 August 2021)

Total Marks: 1

_____ are used to monitor workers who are exiting a "contamination controlled" or potentially contaminated area.

Select the correct option

☐

None of these

☐

Personnel electric monitors

☒

Personnel exit monitors

Answer solved by Amaan Khan
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☐

Pocket exit monitors

Type here to search

32°C Smoke 11:48 PM 8/24/2021

EFFORT BY AMAAN KHAN

VU Medical Zone

BIO503:Quiz 2

Quiz Start Time: 11:43 PM, 24 August 2021

Question # 7 of 10 (Start time: 11:48:09 PM, 24 August 2021)

Total Marks: 1

Bats belonging to the suborder _____ occupy a diverse set of ecological conditions.

Select the correct option

☐ Yinpterochiroptera

☐ None of these

☐ Megachiroptera

☒ Microchiroptera

Answer solved by Amaan Khan
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BIO503:Quiz 2

Quiz Start Time: 11:43 PM, 24 August 2021

Question # 8 of 10 (Start time: 11:48:36 PM, 24 August 2021)

Total Marks: 1

PET stands for _____

Select the correct option

☐ Positron emission tetragraphy

☒ Positron emission tomography

☐ Position emission tomography

☐ Positron energy tomography

Answer solved by Amaan Khan
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VU Medical Zone

BIO503:Quiz 2

Quiz Start Time: 11:43 PM, 24 August 2021

Question # 9 of 10 (Start time: 11:49:18 PM, 24 August 2021)

Total Marks: 1

Unlike alpha and beta particles, _____ do not interact with electrons or cause ionization directly.

Select the correct option

☒	Neutron	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Proton	
☐	Gamma particles	
☐	Positron	

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BIO503:Quiz 2

Quiz Start Time: 11:43 PM, 24 August 2021

Question # 10 of 10 (Start time: 11:50:07 PM, 24 August 2021)

Total Marks: 1

Plants emit audio acoustic emissions between _____.

Select the correct option

☒	10-240 Hz	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	20-240 Hz	
☐	40-240 Hz	
☐	30-240 Hz	

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BIO503:Quiz 2

Quiz Start Time: 12:00 AM, 25 August 2021

Question # 1 of 10 (Start time: 12:00:46 AM, 25 August 2021)

Total Marks: 1

The _____ can be used as a vehicle for administration of nutrients and pharmaceutical drugs

Select the correct option

☐

Hydrosome

☒

Liposome

Answer solved by Amaan Khan
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☐

Amphosome

☐

None of these

Type here to search

32°C Smoke 12:01 AM 8/25/2021

BIO503:Quiz 2

Quiz Start Time: 12:00 AM, 25 August 2021

Question # 2 of 10 (Start time: 12:01:25 AM, 25 August 2021)

Total Marks: 1

_____ has been used to prepare a molecular analog of Borromean rings.

Select the correct option

☐

Enzymes

☒

DNA

Answer solved by Amaan Khan
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☐

Proteins

☐

RNA

Type here to search

32°C Smoke 12:01 AM 8/25/2021

EFFORT BY AMAAN KHAN

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BIO503:Quiz 2

Quiz Start Time: 12:00 AM, 25 August 2021

Question # 3 of 10 (Start time: 12:01:51 AM, 25 August 2021)

Total Marks: 1

In _____ relatively large nuclei of uranium or plutonium, are split.

Select the correct option

☐ None of these

☐ Nuclear energy

☐ Nuclear fusion

☒ Nuclear fission

Answer solved by Amaan Khan
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BIO503:Quiz 2

Quiz Start Time: 12:00 AM, 25 August 2021

Question # 4 of 10 (Start time: 12:02:16 AM, 25 August 2021)

Total Marks: 1

Helicases and polymerases are _____ motors.

Select the correct option

☒ DNA

☐ Protective

☐ Rotatory

☐ Cytoskeletal

Answer solved by Amaan Khan
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EFFORT BY AMAAN KHAN

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BIO503:Quiz 2

Quiz Start Time: 12:00 AM, 25 August 2021

Question # 5 of 10 (Start time: 12:02:36 AM, 25 August 2021)

Total Marks: 1

_____ use echolocation to navigate and forage, often in total darkness.

Select the correct option

☒	Microbats	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Cats	
☐	Mouse	
☐	Owl	

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BIO503:Quiz 2

Quiz Start Time: 12:00 AM, 25 August 2021

Question # 6 of 10 (Start time: 12:02:59 AM, 25 August 2021)

Total Marks: 1

The binding of the neurotransmitter acetylcholine at certain synapses opens channels that admit _____ and initiate a nerve impulse or muscle contraction.

Select the correct option

☒	Na ⁺	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Mg ⁺	
☐	K ⁺	
☐	S ⁻	

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EFFORT BY AMAAN KHAN

VU Medical Zone

BIO503:Quiz 2

Quiz Start Time: 12:00 AM, 25 August 2021

Question # 7 of 10 (Start time: 12:03:44 AM, 25 August 2021)

Total Marks: 1

Up to 50% of the ionizing radiation energy can be absorbed in free?

Select the correct option

☐	Molecules
☒	Water
☐	Chloride
☐	Ions

Answer solved by Amaan Khan
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BIO503:Quiz 2

Quiz Start Time: 12:00 AM, 25 August 2021

Question # 8 of 10 (Start time: 12:04:06 AM, 25 August 2021)

Total Marks: 1

An alpha particle is identical to a _____.

Select the correct option

☒	Helium Nucleus
☐	None of these
☐	Neutron
☐	Proton

Answer solved by Amaan Khan
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EFFORT BY AMAAN KHAN

VU Medical Zone

BIO503:Quiz 2

Quiz Start Time: 12:00 AM, 25 August 2021

Question # 9 of 10 (Start time: 12:04:29 AM, 25 August 2021)

Total Marks: 1

MRI stands for _____.

Select the correct option

☐	Mega resonance imaging
☐	Magnetic radiation imaging
☒	Magnetic resonance imaging
☐	None of these

Answer solved by Amaan Khan
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BIO503:Quiz 2

Quiz Start Time: 12:00 AM, 25 August 2021

Question # 10 of 10 (Start time: 12:04:42 AM, 25 August 2021)

Total Marks: 1

MRI has a sensitivity of around _____.

Select the correct option

☐	20-3 mol/L to 20-5 mol/L
☐	40-3 mol/L to 40-5 mol/L
☐	30-3 mol/L to 30-5 mol/L
☒	10-3 mol/L to 10-5 mol/L

Answer solved by Amaan Khan
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EFFORT BY AMAAN KHAN