

VU Medical Zone

BT 405 Quiz no 1 Spring 2021

BT405:Quiz 1

Quiz Start Time: 02:39 AM, 18 June 2021

Question # 1 of 10 (Start time: 02:39:53 AM, 18 June 2021)

Total Marks: 1

Which of the following is a solar photocatalytic remediation, however has a weaker photocatalytic effect compared to TiO_2

Select the correct option

☒	Zinc dioxide	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Platinum oxide	
☐	Sodium hydroxide	
☐	Indium tin oxide	

Type here to search

BT405:Quiz 1

Quiz Start Time: 02:39 AM, 18 June 2021

Question # 2 of 10 (Start time: 02:40:41 AM, 18 June 2021)

Total Marks: 1

Which of the following is not true for the commercial usage of carbon nanotube in a variety of items?

Select the correct option

☐	Making sports equipment lighter weight
☐	A tennis racket made with carbon nanotubes bends less during impact
☐	Making sports equipment stronger
☒	Carbon nanotube decrease the force and accuracy of a tennis racket

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

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BT405:Quiz 1

Quiz Start Time: 02:39 AM, 18 June 2021

Question # 3 of 10 (Start time: 02:42:05 AM, 18 June 2021)

Total Marks: 1

Which of the following is not a characteristic of the immobilized enzymes?

Select the correct option

☐	Same catalytic activity is present for number of analysis
☐	Stability exists
☐	It produces reproducible results
☒	They cannot be re-used

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

BT405:Quiz 1

Quiz Start Time: 02:39 AM, 18 June 2021

Question # 4 of 10 (Start time: 02:43:20 AM, 18 June 2021)

Total Marks: 1

How many types of transducer are used to measure the glucose concentration?

Select the correct option

☐	4
☐	1
☒	3
☐	2

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

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BT405:Quiz 1

Quiz Start Time: 02:39 AM, 18 June 2021

Question # 5 of 10 (Start time: 02:43:57 AM, 18 June 2021)

Total Marks: 1

Polymers are ----- because they have alternating double-single chemical bonds.

Select the correct option

☒	n-conjugated	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Hydrogen-bonded	
☐	Alkyl-bonded	
☐	σ -conjugated	

BT405:Quiz 1

Quiz Start Time: 02:39 AM, 18 June 2021

Question # 6 of 10 (Start time: 02:44:35 AM, 18 June 2021)

Total Marks: 1

Nano robot has diameter of about _____ microns

Select the correct option

☐	0.8 to 3	
☐	0.5 to 8	
☐	0.1 to 10	
☒	0.5 to 3	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

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BT405:Quiz 1

Quiz Start Time: 02:39 AM, 18 June 2021

Question # 7 of 10 (Start time: 02:45:29 AM, 18 June 2021)

Total Marks: 1

Which of the following does not apply to nanotechnology?

Select the correct option

☐	It is a general-purpose technology	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Newtonian mechanics can describe it	
☒	It can be called Green technology	
☐	It involves rearrangement of atoms	

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Question # 8 of 10 (Start time: 02:45:54 AM, 18 June 2021)

Total Marks: 1

The resolving power of an optical microscope is around-----

Select the correct option

☒	0.2 μm	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	0.4 μm	
☐	0.1 μm	
☐	0.3 μm	

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BT405:Quiz 1

Quiz Start Time: 02:39 AM, 18 June 2021

Question # 9 of 10 (Start time: 02:46:33 AM, 18 June 2021)

Total Marks: 1

Which nanoparticle inhibits the transmission of the Virus to the wound?

Select the correct option

☐	Mercury (Hg)	
☒	Silver (Ag)	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Gold (Au)	
☐	Carbon (C)	

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Quiz Start Time: 02:39 AM, 18 June 2021

Question # 10 of 10 (Start time: 02:47:05 AM, 18 June 2021)

Total Marks: 1

PEG-coated iron oxide gold is a type of core-shell nanoparticles (PEG-AuIONs), measuring approximately _____ in diameter, which reveals high specificity to solid tumors

Select the correct option

☐	25 um	
☒	25 nm	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	20 nm	
☐	20 um	

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