

VU Medical Zone

BT 405 Quiz no 1 Midterm Syllabus

BT405:Quiz 1

Quiz Start Time: 11:27 PM, 18 June 2021

Question # 1 of 10 (Start time: 11:27:21 PM, 18 June 2021)

Total Marks: 1

The structural applications of carbon nanotubes include all except

Select the correct option

☐	In concrete
☐	In sports equipments
☒	In textiles
☐	In cancer therapy

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

BT405:Quiz 1

Quiz Start Time: 11:27 PM, 18 June 2021

Question # 2 of 10 (Start time: 11:28:50 PM, 18 June 2021)

Total Marks: 1

The new and promising way to enhance the properties of metals and alloys for advanced structural and functional application is ----?

Select the correct option

☒	Nanostructuring
☐	Nanolithography
☐	Nanofiber technology
☐	Nanocomposites

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

EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 1

Quiz Start Time: 11:27 PM, 18 June 2021

Question # 3 of 10 (Start time: 11:29:59 PM, 18 June 2021)

Total Marks: 1

Expand SAM

Select the correct option

☐	Surface-assembled monolayer	
☐	Selected-assembled monolayer	
☒	Self-assembled monolayer	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Self-accumulated monolayer	

BT405:Quiz 1

Quiz Start Time: 11:27 PM, 18 June 2021

Question # 4 of 10 (Start time: 11:30:52 PM, 18 June 2021)

Total Marks: 1

The combination of two nanomaterials to form new material in order to get enhanced properties. The new synthesized material is-----?

Select the correct option

☐	Nanowire	
☐	Nanobeads	
☒	Nanocomposites	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Nanodots	

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BT405 Quiz 1

Quiz Start Time: 11:27 PM, 18 June 2021

Question # 5 of 10 (Start time: 11:32:08 PM, 18 June 2021)

Total Marks: 1

Lipid molecules can spontaneously form hollow spherical closed bilayers in water due to their _____ nature.

Select the correct option

☐	Hydrophilic
☐	Hydrophobic
☐	Lipophilic
☒	Amphiphilic

Answer solved by Amaan Khan
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BT405 Quiz 1

Quiz Start Time: 11:27 PM, 18 June 2021

Question # 6 of 10 (Start time: 11:32:44 PM, 18 June 2021)

Total Marks: 1

The use of CNTs in concrete increases its
Mechanical strength

Select the correct option

☒	Tensile strength
☐	Fiber strength
☐	Chemical strength
☐	Chemical strength

Answer solved by Amaan Khan
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BT405:Quiz 1

Quiz Start Time: 11:27 PM, 18 June 2021

Question # 7 of 10 (Start time: 11:33:59 PM, 18 June 2021)

Total Marks: 1

An example of biomimetic membrane is

Select the correct option

☐	Dendrimers
☐	Nanoconjugates
☒	Liposomes
☐	Plasma membrane

Answer solved by Amaan Khan
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BT405:Quiz 1

Quiz Start Time: 11:27 PM, 18 June 2021

Question # 8 of 10 (Start time: 11:35:12 PM, 18 June 2021)

Total Marks: 1

The temperature stability of nanotubes in vacuum is

Select the correct option

☐	3200 °C
☐	1900 °C
☐	2300 °C
☒	2800 °C

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

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BT405:Quiz 1

Quiz Start Time: 11:27 PM, 18 June 2021

Question # 9 of 10 (Start time: 11:35:47 PM, 18 June 2021)

Total Marks: 1

Block copolymers is an example of _____

Select the correct option

☐	Nano porous
☒	Nanocrystalline
☐	Nanocomposite
☐	Hybrid materials

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

BT405:Quiz 1

Quiz Start Time: 11:27 PM, 18 June 2021

Question # 10 of 10 (Start time: 11:37:12 PM, 18 June 2021)

Total Marks: 1

Which of the following isn't true for DNA Biosensor?

Select the correct option

☐	Used in forensic science
☐	Used even in environmental clean-up efforts
☐	Used for medical diagnostics
☒	Used to convert DNA into RNA

Answer solved by Amaan Khan
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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	

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
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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
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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
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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	
☐	α -conjugated	

Type here to search

29°C Smoke 2:44 AM 6/18/2021

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

Type here to search

29°C Smoke 2:45 AM 6/18/2021

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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 |
| ☐ | Newtonian mechanics can describe it |
| ☒ | It can be called Green technology |
| ☐ | It involves rearrangement of atoms |

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 # 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 |
| ☐ | 0.4 μm |
| ☐ | 0.1 μm |
| ☐ | 0.3 μm |

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

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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)	

BT405:Quiz 1

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-Au/ONs), measuring approximately _____ in diameter, which reveals high specificity to solid tumors.

Select the correct option

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

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Time Left: 00:00:00

BT405:Quiz 1

Quiz Start Time: 10:41 PM, 18 June 2021

Question # 10 of 10 (Start time: 10:53:50 PM, 18 June 2021)

Total Marks: 1

Smart coatings can also be passive in the sense of changing their optical properties due to:

Select the correct option

☒	Thermochromic & photochromic
☐	infrared
☐	wavelength
☐	environmental conditions

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

Click on the Answer to Mark as Correct

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BT405:Quiz 1

sec(3)

Quiz Start Time: 10:41 PM, 18 June 2021

Question # 9 of 10 (Start time: 10:53:01 PM, 18 June 2021)

Total Marks: 1

Iron nanoparticles are ---- times more reactive than commonly used iron powders

Select the correct option

☐	10-100
☐	1-50
☐	1-100
☒	10-1000

Answer solved by Amaan Khan
Contact: 0305-4716616
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A very thin film of material can be many centimeters wide, but if it is less than 100 nm thick, it is called a

Select the correct option

☐	Microfilm
☒	Nanofilm
☐	Thin film
☐	Gradient multilayer (GML) nanofilm

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

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BT405/Quiz 1

Quiz Start Time: 10:41 PM, 18 June 2021

Question # 7 of 10 (Start time: 10:50:02 PM, 18 June 2021)

Total Marks: 1

Liquid crystal is a phase that exists between

Select the correct option

☒	Solid and liquid	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Gas and plasma	
☐	None of these	
☐	Liquid and gas	

Click to view Answer & Mark Sheet Question

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Time Left: 00:00:00

BT405:Quiz 1

Quiz Start Time: 10:41 PM, 18 June 2021

Question # 6 of 10 (Start time: 10:49:07 PM, 18 June 2021)

Total Marks: 1

A human hair is about _____ thick

Select the correct option

☐	1-50 microns
☐	20-25 microns
☒	50-100 microns
☐	5-10 microns

Answer solved by Amaan Khan
Contact: 0305-4716616
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Click to Save Answer & Marked (0/1) Question

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BT405:Quiz 1

SEC(4)

Quiz Start Time: 10:41 PM, 18 June 2021

Question # 5 of 10 (Start time: 10:47:34 PM, 18 June 2021)

Total Marks: 1

Which of the following physical parameter cannot be converted into an electrical signal by a sensor?

Select the correct option

☐

Humidity

☐

Speed

☐

Temperature



Ribosome

Answer solved by Amaan Khan

Contact: 0305-4716616

Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

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BT405:Quiz 1

Quiz Start Time: 10:41 PM, 18 June 2021

Question # 4 of 10 (Start time: 10:45:47 PM, 18 June 2021)

Total Marks: 1

The prefix "nano" comes from a ...?

Select the correct option

☐

Spanish word meaning particle

☐

Latin word meaning invisible

☒

French word meaning billion

Answer solved by Amaan Khan

Contact: 0305-4716616

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☐

Greek word meaning dwarf

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BT405/Quiz 1

Quiz Start Time: 10:41 PM, 18 June 2021

Question # 3 of 10 (Start time: 10:44:41 PM, 18 June 2021)

Total Marks: 1

Antibody-based biosensors are also known as_____.

Select the correct option

☐	Potentiometric Biosensors
☐	Biochips
☒	Immunosensors
☐	Microbiosensors

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

Click here to view & download Question

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BT405:Quiz 1

Quiz Start Time: 10:41 PM, 18 June 2021

Question # 2 of 10 (Start time: 10:43:08 PM, 18 June 2021)

Total Marks: 1

The probe of biosensor detects the presence of target by:

Select the correct option

☒	Change in color	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	None of these	
☐	Change in mechanical strength	
☐	Change in chemical properties	

Click VU Logo Above & This is not a Quiz

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Question # 1 of 10 (Start time: 10:41:38 PM, 18 June 2021)

Total Marks: 1

Which process is mainly used in the formation of Nanofibers?

Select the correct option

☐ Spectrometry

☐ Electrospinning

☒ Cytometry

Answer solved by Amaan Khan
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☐ Electroplating

Click on Save Answer & Move to Next Question

VU Medical Zone

BT405:Quiz No 1

Quiz Start Time: 05:54 PM, 17 December 2020

Question # 1 of 10 (Start time: 05:54:52 PM, 17 December 2020)

Total Marks: 1

What is grey goo-----?

Select the correct option

☒	A hypothetical substance composed of out-of-control self-replicating nanobots that consumes all living matter on Earth	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	The feeder material used to grow grey nanoparticles in the laboratory	
☐	Toxic byproduct resulting from the synthesis of carbon nanotubes	
☐	Waste product from the production of nanoglue made from the membranes on the feet of the Madagascan Grey Gecko	

Click to Save Answer & Move to Next Question



BT405:Quiz No 1

Quiz Start Time: 05:54 PM, 17 December 2020

Question # 2 of 10 (Start time: 05:56:00 PM, 17 December 2020)

Total Marks: 1

Which of the following quality describes Quantum dots better?

Select the correct option

☐	They last much longer	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	They have large size renders	
☐	They emit light of same color	
☒	They are nonconductor particle	

Click to Save Answer & Move to Next Question



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BT405:Quiz No 1

Quiz Start Time: 05:54 PM, 17 December 2020

Question # 3 of 10 (Start time: 05:57:09 PM, 17 December 2020)

Total Marks: 1

The terminal functional groups on the particle are known as _____

Select the correct option

☐	Reducing agent	
☒	Capping ligands	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Surfactant	
☐	Stabilizing agent	

Click to Save Answer & Move to Next Question



5:57 PM
17-Dec-20

BT405:Quiz No 1

Quiz Start Time: 05:54 PM, 17 December 2020

Question # 4 of 10 (Start time: 05:57:36 PM, 17 December 2020)

Total Marks: 1

10 hydrogen atoms lined up measure about _____

Select the correct option

☐	2 nano meter	
☒	1 nano meter	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	1 micro meter	
☐	2 pico meter	

Click to Save Answer & Move to Next Question



5:58 PM
17-Dec-20

EFFORT BY AMAAN KHAN

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BT405:Quiz No 1

Quiz Start Time: 05:54 PM, 17 December 2020

Question # 5 of 10 (Start time: 05:58:08 PM, 17 December 2020)

Total Marks: 1

Block copolymers is an example of _____

Select the correct option

☐	Nanocrystalline	
☒	Hybrid materials	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Nanocomposite	
☐	Nano porous	

Click to Save Answer & Move to Next Question

BT405:Quiz No 1

Quiz Start Time: 05:54 PM, 17 December 2020

Question # 6 of 10 (Start time: 05:58:55 PM, 17 December 2020)

Total Marks: 1

Manipulation of microorganisms such as yeast and bacteria to create better enzymes is _____?

Select the correct option

☐	Animal Biotechnology	
☐	Plant Biotechnology	
☐	Industrial Biotechnology	
☒	Microbial Biotechnology	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

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BT405:Quiz No 1

Quiz Start Time: 05:54 PM, 17 December 2020

Question # 7 of 10 (Start time: 05:59:30 PM, 17 December 2020)

Total Marks: 1

Developed by the oil industry, MCM-41 with pore sizes in the range of _____ nanometers, is used for the removal of ultrafine contaminants

Select the correct option

☐	1 - 200	
☐	1 - 100	
☐	10 - 200	
☒	10 - 100	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BT405:Quiz No 1

Quiz Start Time: 05:54 PM, 17 December 2020

Question # 8 of 10 (Start time: 06:00:10 PM, 17 December 2020)

Total Marks: 1

The response of Biosensor can be determined by _____

Select the correct option

☐	Chemical membrane	
☐	Bio-catalytic membrane	
☒	Cell membrane	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Artificial membrane	

Click to Save Answer & Move to Next Question



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BT405: Quiz No 1

Quiz Start Time: 05:54 PM, 17 December 2020

Question # 9 of 10 (Start time: 06:01:55 PM, 17 December 2020)

Total Marks: 1

Gold particles (AuNPs) find significant exploitations in biomedical field, which of the below mentioned option is incorrect?

Select the correct option

☐	their comparative chemical stability	
☒	high hazardous due to some factors	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	genuine biocompatibility	
☐	less hazardous	

Click to Save Answer & Move to Next Question



6:02 PM
17-Dec-20

BT405: Quiz No 1

Quiz Start Time: 05:54 PM, 17 December 2020

Question # 10 of 10 (Start time: 06:02:50 PM, 17 December 2020)

Total Marks: 1

STM

Select the correct option

☐	Resonance Tunneling Microscope	
☐	Resonance Tangent Microscope	
☐	Scanning Tangent Microscope	
☒	Scanning Tunneling Microscope	Answer Solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



6:03 PM
17-Dec-20

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BT405:Quiz 01

sec(s)
Quiz Start Time: 01:07 AM, 19 August 2020

Question # 1 of 10 (Start time: 01:07:43 AM, 19 August 2020)

Total Marks: 1

If the nanotube structure is armchair then the electrical properties will be -----?

Select the correct option

☒	Metallic	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	Non-metallic		
☐	Neither metallic nor non-metallic		
☐	Convergent		

Click to Save Answer & Move to Next Question

BT405:Quiz 01

sec(s)
Quiz Start Time: 01:07 AM, 19 August 2020

Question # 2 of 10 (Start time: 01:08:31 AM, 19 August 2020)

Total Marks: 1

Developed by the oil industry, MCM-41 with pore sizes in the range of _____ nanometers, is used for the removal of ultrafine contaminants

Select the correct option

☐	1 - 200	
☐	1 - 100	
☐	10 - 200	
☒	10 - 100	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

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BT405:Quiz 01

Quiz Start Time: 01:07 AM, 19 August 2020

Question # 3 of 10 (Start time: 01:09:13 AM, 19 August 2020)

Total Marks: 1

Which of the following protein transports and stores iron in an organism, forms nanocavities----

Select the correct option

☐	Albumin	
☒	Ferritin	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Globulin	
☐	Ferriccin	

Click to Save Answer & Move to Next Question

BT405:Quiz 01

Quiz Start Time: 01:07 AM, 19 August 2020

Question # 4 of 10 (Start time: 01:09:58 AM, 19 August 2020)

Total Marks: 1

Block copolymers comprised of _____

Select the correct option

☒	Hydrophobic & Hydrophilic block	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Organic blocks	
☐	Inorganic blocks	
☐	Crystalline block	

Click to Save Answer & Move to Next Question

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BT405:Quiz 01

Quiz Start Time: 01:07 AM, 19 August 2020

Question # 5 of 10 (Start time: 01:10:54 AM, 19 August 2020)

Total Marks: 1

Which of the following physical parameter cannot be converted into an electrical signal by a sensor?

Select the correct option

☐	Temperature	
☐	Humidity	
☐	Speed	
☒	Antibodies	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

BT405:Quiz 01

Quiz Start Time: 01:07 AM, 19 August 2020

Question # 6 of 10 (Start time: 01:12:34 AM, 19 August 2020)

Total Marks: 1

The transduction methods used in biochips are _____

Select the correct option

☐	Surface plasmon resonance	
☒	MRI	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	CT scan	
☐	Self Enhanced Resonance Spectroscopy	

Click to Save Answer & Move to Next Question

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BT405:Quiz 01

Quiz Start Time: 01:07 AM, 19 August 2020

Question # 7 of 10 (Start time: 01:12:51 AM, 19 August 2020)

Total Marks: 1

Polymers that are good conductors of electricity are called _____

Select the correct option

☐	Platinum polymers	
☒	Conductive polymers	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Boron polymers	
☐	Block polymers	

Click to Save Answer & Move to Next Question

BT405:Quiz 01

Quiz Start Time: 01:07 AM, 19 August 2020

Question # 8 of 10 (Start time: 01:13:30 AM, 19 August 2020)

Total Marks: 1

More than _____ of biotech companies in the U.S. are involved in pharmaceutical production

Select the correct option

☐	60%	
☐	50%	
☐	70%	
☒	65%	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

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BT405:Quiz 01

sec(s)
Quiz Start Time: 01:07 AM, 19 August 2020

Question # 9 of 10 (Start time: 01:14:06 AM, 19 August 2020)

Total Marks: 1

The branch of science that deals with the chemical, physical and biological properties of surfaces is called

Select the correct option

☐	Physiology	
☐	Biochemistry	
☒	surface science	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Chemistry	

Click to Save Answer & Move to Next Question

BT405:Quiz 01

sec(s)
Quiz Start Time: 01:07 AM, 19 August 2020

Question # 10 of 10 (Start time: 01:14:40 AM, 19 August 2020)

Total Marks: 1

Which one of the following is more promising for the detection of cancer?

Select the correct option

☐	Radiology imaging test	
☒	Magnetic Resonance Imaging technology	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Computed Tomography	
☐	Metastatic biosensor	

Click to Save Answer & Move to Next Question

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BT405:Quiz 01

Quiz Start Time: 02:16 AM, 19 August 2020

Question # 1 of 10 (Start time: 02:16:16 AM, 19 August 2020)

Total Marks: 1

Which one of the following is not naturally occurring Zeolite?

Select the correct option

☒	Sodium	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Aluminum	
☐	Silicon	
☐	Calcium	

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



BT405:Quiz 01

Quiz Start Time: 02:16 AM, 19 August 2020

Question # 2 of 10 (Start time: 02:18:10 AM, 19 August 2020)

Total Marks: 1

A semiconductor whose excitons are confined in all three spatial dimensions is called as _____.

Select the correct option

☒	Qubit	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Bucky ball	
☐	Quantum dot	
☐	Dot	

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



EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

Quiz Start Time: 02:16 AM, 19 August 2020

Question # 3 of 10 (Start time: 02:19:50 AM, 19 August 2020)

Total Marks: 1

Which of the following is application of Biosensors?

Select the correct option

☐	Clinical analysis and diagnosis of disease	
☐	Healthcare monitoring	
☐	Environmental pollution control	
☒	Measurement	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BT405:Quiz 01

Quiz Start Time: 02:16 AM, 19 August 2020

Question # 4 of 10 (Start time: 02:20:43 AM, 19 August 2020)

Total Marks: 1

Nanotechnology can also be named as

Select the correct option

☐	Carbon Technology	
☒	Tissue Engineering	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Atomic Engineering	
☐	Atomic Physics	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

Quiz Start Time: 02:16 AM, 19 August 2020

Question # 5 of 10 (Start time: 02:22:23 AM, 19 August 2020)

Total Marks: 1

Nanostructured materials differ from conventional polycrystalline materials in the ----- of the structural units?

Select the correct option

☐	Shape	
☒	Size	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Orientation	
☐	Quality	

Click to Save Answer & Move to Next Question

BT405:Quiz 01

Quiz Start Time: 02:16 AM, 19 August 2020

Question # 6 of 10 (Start time: 02:23:35 AM, 19 August 2020)

Total Marks: 1

Which one of the following is most rising application of the CNT?

Select the correct option

☒	Chemotherapy	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Solar Cells	
☐	Car batteries	
☐	Paper batteries	

Click to Save Answer & Move to Next Question

EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

Quiz Start Time: 02:16 AM, 19 August 2020

Question # 7 of 10 (Start time: 02:25:48 AM, 19 August 2020)

Total Marks: 1

A nanometer is a unit of length in the metric system, equal to _____ of a meter

Select the correct option

☐	two millionth	
☐	one millionth	
☒	one billionth	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	two billionth	

Click to Save Answer & Move to Next Question

BT405:Quiz 01

Quiz Start Time: 02:16 AM, 19 August 2020

Question # 8 of 10 (Start time: 02:26:16 AM, 19 August 2020)

Total Marks: 1

DOXIL is:

Select the correct option

☐	Anti-bacterial drug	
☐	Anti-viral drug	
☐	Vaccine of Hepatitis	
☒	Anti-cancer drug	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

sec(s)
Quiz Start Time: 02:16 AM, 19 August 2020

Question # 9 of 10 (Start time: 02:26:30 AM, 19 August 2020)

Total Marks: 1

Carbon nanotubes are _____ times stronger than steel but _____ times lighter.

Select the correct option

☐	1000, ten	
☒	100, six	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	50, four	
☐	10, two	

Click to Save Answer & Move to Next Question



BT405:Quiz 01

sec(s)
Quiz Start Time: 02:16 AM, 19 August 2020

Question # 10 of 10 (Start time: 02:27:04 AM, 19 August 2020)

Total Marks: 1

A molecule that specifically recognizes the analyte is known as -----?

Select the correct option

☐	Biomarker	
☒	Bioreceptor	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Biomachine	
☐	Transducer	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

Quiz Start Time: 02:00 AM, 19 August 2020

Question # 1 of 10 (Start time: 02:00:52 AM, 19 August 2020)

Total Marks: 1

What does DNA microarray detect?

Select the correct option

☐	Position of genes	
☒	Expression of gene	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Number of genes	
☐	Sequence of genes	

Click to Save Answer & Move to Next Question



BT405:Quiz 01

Quiz Start Time: 02:00 AM, 19 August 2020

Question # 2 of 10 (Start time: 02:02:34 AM, 19 August 2020)

Total Marks: 1

PET stands for _____

Select the correct option

☐	Polyethylene terephthalate	
☐	Polyethylene tetra sulphate	
☐	Plasmon Emission Tomography	
☒	Positron Emission Tomography	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

sec(s)
Quiz Start Time: 02:00 AM, 19 August 2020

Question # 3 of 10 (Start time: 02:03:19 AM, 19 August 2020)

Total Marks: 1

The sheet of nanotubes is made up of _____

Select the correct option

☐	Aluminum	
☒	Graphene	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Copper	
☐	Silver	

Click to Save Answer & Move to Next Question



BT405:Quiz 01

sec(s)
Quiz Start Time: 02:00 AM, 19 August 2020

Question # 4 of 10 (Start time: 02:05:07 AM, 19 August 2020)

Total Marks: 1

Diatoms are a type of _____ with nanostructured amorphous silica surfaces.

Select the correct option

☐	Fungi	
☒	Algae	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Bacteria	
☐	Polymers	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

Quiz Start Time: 02:00 AM, 19 August 2020

Question # 5 of 10 (Start time: 02:05:43 AM, 19 August 2020)

Total Marks: 1

STM

Select the correct option

- | | | |
|----------------------------------|--------------------------------|--|
| ☐ | Resonance Tunneling Microscope | |
| ☐ | Resonance Tangent Microscope | |
| ☐ | Scanning Tangent Microscope | |
| ☒ | Scanning Tunneling Microscope | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question

BT405:Quiz 01

Quiz Start Time: 02:00 AM, 19 August 2020

Question # 6 of 10 (Start time: 02:06:11 AM, 19 August 2020)

Total Marks: 1

What is grey goo-----?

Select the correct option

- | | | |
|----------------------------------|--|--|
| ☒ | A hypothetical substance composed of out-of-control self-replicating nanobots that consumes all living matter on Earth | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| ☐ | The feeder material used to grow grey nanoparticles in the laboratory | |
| ☐ | Toxic byproduct resulting from the synthesis of carbon nanotubes | |
| ☐ | Waste product from the production of nanoglue made from the membranes on the feet of the Madagascan Grey Gecko | |

Click to Save Answer & Move to Next Question

EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

sec(s)
Quiz Start Time: 02:00 AM, 19 August 2020

Question # 7 of 10 (Start time: 02:07:34 AM, 19 August 2020)

Total Marks: 1

Quantum confinement causes the energy of the band gap to -----?

Select the correct option

☒	Increase	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Decrease	
☐	Remain Constant	
☐	Variable	

Click to Save Answer & Move to Next Question



BT405:Quiz 01

Quiz Start Time: 02:00 AM, 19 August 2020

Question # 8 of 10 (Start time: 02:08:13 AM, 19 August 2020)

Total Marks: 1

----- technology is used for point-of-care testing in real time, which enhance delivery of medical care

Select the correct option

☐	Nanowire	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Nanorobots	
☒	Lab-on-chip	
☐	Micro-lab	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

sec(s)
Quiz Start Time: 02:00 AM, 19 August 2020

Question # 9 of 10 (Start time: 02:08:50 AM, 19 August 2020)

Total Marks: 1

An amount of incident light is converted into an output current by:

Select the correct option

☒	solar cell	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Photodiodes	
☐	Optical Sensors	
☐	Reflective Sensors	

Click to Save Answer & Move to Next Question



BT405:Quiz 01

sec(s)
Quiz Start Time: 02:00 AM, 19 August 2020

Question # 10 of 10 (Start time: 02:10:30 AM, 19 August 2020)

Total Marks: 1

Inorganic crystals of CdSe (cadmium selenide 200-10000 atoms wide), coated with _____ emit fluorescent light when irradiated with low energy light

Select the correct option

☐	Na ₂ SO ₄	
☒	ZnS	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Ag ₂ SO ₄	
☐	NaCl	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

sec(s)
Quiz Start Time: 01:32 AM, 19 August 2020

Question # 1 of 10 (Start time: 01:32:54 AM, 19 August 2020)

Total Marks: 1

One of the significant parameter used in the estimation of the concentration of biodegradable organic pollutants present in a water sample is-----?

Select the correct option

☐	Biological oxygen demand	
☒	Biochemical oxygen demand	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Chemical oxygen demand	
☐	Catalytic oxidation	

Click to Save Answer & Move to Next Question



BT405:Quiz 01

sec(s)
Quiz Start Time: 01:32 AM, 19 August 2020

Question # 2 of 10 (Start time: 01:33:54 AM, 19 August 2020)

Total Marks: 1

The branch of science that is concerned with the investigation and measurement of spectra produced when matter interacts with or emits electromagnetic (EM) radiation.

Select the correct option

☐	Radiology	
☒	Spectroscopy	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Electroradioscopy	
☐	None of the given options	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

sec(s)
Quiz Start Time: 01:32 AM, 19 August 2020

Question # 3 of 10 (Start time: 01:34:29 AM, 19 August 2020)

Total Marks: 1

Quantum dots are _____ in nature.

Select the correct option

☒	Inorganic	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Organic	
☐	Biologic	
☐	Metallic	

Click to Save Answer & Move to Next Question



BT405:Quiz 01

sec(s)
Quiz Start Time: 01:32 AM, 19 August 2020

Question # 4 of 10 (Start time: 01:36:26 AM, 19 August 2020)

Total Marks: 1

DOXIL is:

Select the correct option

☐	Anti-bacterial drug	
☐	Anti-viral drug	
☐	Vaccine of Hepatitis	
☒	Anti-cancer drug	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

sec(s)
Quiz Start Time: 01:32 AM, 19 August 2020

Question # 5 of 10 (Start time: 01:37:05 AM, 19 August 2020)

Total Marks: 1

The substance used in combination with a specific antigen that produced a more robust immunity than the antigen alone is -----?

Select the correct option

☐	Propagator	
☒	Adjuvant	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Microbead	
☐	Emulsifier	



Click to Save Answer & Move to Next Question



BT405:Quiz 01

sec(s)
Quiz Start Time: 01:32 AM, 19 August 2020

Question # 6 of 10 (Start time: 01:38:52 AM, 19 August 2020)

Total Marks: 1

The quantum confinement effect is observed when the size of the nanoparticle is ----- to be comparable to the wavelength of the electron.

Select the correct option

☐	large	
☒	small	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	constant	
☐	equal to wavelength of electron	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

Quiz Start Time: 01:32 AM, 19 August 2020

Question # 7 of 10 (Start time: 01:39:41 AM, 19 August 2020)

Total Marks: 1

The temperature stability of nanotubes in vacuum is

Select the correct option

☐	1900 °C	
☐	2300 °C	
☒	2800 °C	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	3200 °C	

Click to Save Answer & Move to Next Question



BT405:Quiz 01

Quiz Start Time: 01:32 AM, 19 August 2020

Question # 8 of 10 (Start time: 01:40:13 AM, 19 August 2020)

Total Marks: 1

Longitudinal twisting is an expression of a property of carbon nanotube which is -----?

Select the correct option

☒	Chirality	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Blending	
☐	Rotation	
☐	Both B and C	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

sec(s)
Quiz Start Time: 01:32 AM, 19 August 2020

Question # 9 of 10 (Start time: 01:40:59 AM, 19 August 2020)

Total Marks: 1

The most common nanoscale substance used in consumer products is _____

Select the correct option

☒	Nano-silver	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Nano-chlorine	
☐	Nano-copper	
☐	Nano-Zinc	

Click to Save Answer & Move to Next Question

BT405:Quiz 01

sec(s)
Quiz Start Time: 01:32 AM, 19 August 2020

Question # 10 of 10 (Start time: 01:42:01 AM, 19 August 2020)

Total Marks: 1

The use of CNTs in concrete increases its
Mechanical strength

Select the correct option

☐	Fiber strength	
☒	Tensile strength	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Chemical strength	
☐	Chemical strength	

Click to Save Answer & Move to Next Question

EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

Quiz Start Time: 10:42 PM, 18 August 2020

Question # 1 of 10 (Start time: 10:42:17 PM, 18 August 2020)

Total Marks: 1

Expand ROS

Select the correct option

☐	Responsive oxygen species	
☒	Reactive oxygen species	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Receptive oxygen species	
☐	Responsible oxygen species	



Click to Save Answer & Move to Next Question



BT405:Quiz 01

Quiz Start Time: 10:42 PM, 18 August 2020

Question # 2 of 10 (Start time: 10:43:36 PM, 18 August 2020)

Total Marks: 1

Which one of the following is neoplastic disease?

Select the correct option

☐	Hypertension	
☐	Coronary disease	
☒	Cancer	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Parkinson's disease	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

Quiz Start Time: 10:42 PM, 18 August 2020

Question # 3 of 10 (Start time: 10:44:17 PM, 18 August 2020)

Total Marks: 1

The transduction methods used in biochips are _____.

Select the correct option

☐	Surface plasmon resonance	
☐	MRI	
☒	CT scan	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Self Enhanced Resonance Spectroscopy	



Click to Save Answer & Move to Next Question



BT405:Quiz 01

Quiz Start Time: 10:42 PM, 18 August 2020

Question # 4 of 10 (Start time: 10:46:13 PM, 18 August 2020)

Total Marks: 1

Which of the following is natural self adhesive material?

Select the correct option

☐	Silver nanodots	
☐	Nanobeads	
☐	Nanocavities	
☒	Diatoms	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com



Click to Save Answer & Move to Next Question



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VU Medical Zone

BT405:Quiz 01

sec(s)
Quiz Start Time: 10:42 PM, 18 August 2020

Question # 5 of 10 (Start time: 10:47:47 PM, 18 August 2020)

Total Marks: 1

A sensor which converts light rays into an electronic signal is:

Select the correct option

☒	Optical sensors	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Sensors	
☐	Biosensors	
☐	Bioreceptors	

Click to Save Answer & Move to Next Question



BT405:Quiz 01

sec(s)
Quiz Start Time: 10:42 PM, 18 August 2020

Question # 6 of 10 (Start time: 10:48:18 PM, 18 August 2020)

Total Marks: 1

Which of the following isn't a benefit of nanocoatings?

Select the correct option

☐	Substrate waterproofing	
☐	Prolonged substrate lifespan and application use	
☐	Ultraviolet (UV) stability	
☒	Urea preparation	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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BT405:Quiz 01

sec(s)
Quiz Start Time: 10:42 PM, 18 August 2020

Question # 7 of 10 (Start time: 10:49:17 PM, 18 August 2020)

Total Marks: 1

Who used the word Nanotechnology for the first time?

Select the correct option

☐	Professor Claudio of SEPRL, USA	
☒	Professor Taniguchi of Tokyo Science University	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Professor Patti Miller of Japan Science University	
☐	Professor David of Japan Science University	

Click to Save Answer & Move to Next Question



BT405:Quiz 01

sec(s)
Quiz Start Time: 10:42 PM, 18 August 2020

Question # 8 of 10 (Start time: 10:50:25 PM, 18 August 2020)

Total Marks: 1

A molecule that specifically recognizes the analyte is known as -----?

Select the correct option

☐	Biomarker	
☒	Bioreceptor	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Biomachine	
☐	Transducer	

Click to Save Answer & Move to Next Question



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VU Medical Zone

BT405:Quiz 01

sec(s)
Quiz Start Time: 10:42 PM, 18 August 2020

Question # 9 of 10 (Start time: 10:51:31 PM, 18 August 2020)

Total Marks: 1

Smart coatings can also be passive in the sense of changing their optical properties due to:

Select the correct option

☒	Thermochromic & photochromic	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	wavelength	
☐	infrared	
☐	environmental conditions	

Click to Save Answer & Move to Next Question

BT405:Quiz 01

sec(s)
Quiz Start Time: 10:42 PM, 18 August 2020

Question # 10 of 10 (Start time: 10:52:25 PM, 18 August 2020)

Total Marks: 1

Liquid crystal is a phase that exists between

Select the correct option

☐	Liquid and gas
☐	Gas and plasma
☒	Solid and liquid
☐	None of these

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

Click to Save Answer & Move to Next Question

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VU Medical Zone

BT405:Quiz 01

Quiz Start Time: 02:23 AM, 18 August 2020

Question # 1 of 10 (Start time: 02:23:21 AM, 18 August 2020)

Total Marks: 1

The quantum confinement effect is observed when the size of the nanoparticle is ----- to be comparable to the wavelength of the electron.

Select the correct option

☐	large	
☒	small	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	constant	
☐	equal to wavelength of electron	

Click to Save Answer & Move to Next Question

BT405:Quiz 01

Quiz Start Time: 02:23 AM, 18 August 2020

Question # 2 of 10 (Start time: 02:24:26 AM, 18 August 2020)

Total Marks: 1

Which of the following is not an example of nanostructured materials?

Select the correct option

☐	Nanocrystalline	
☐	Nanocomposite	
☐	Hybrid materials	
☒	All of these are nanostructured materials	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

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VU Medical Zone

BT405:Quiz 01

Quiz Start Time: 02:23 AM, 18 August 2020

Question # 3 of 10 (Start time: 02:25:54 AM, 18 August 2020)

Total Marks: 1

Different phases of liquid crystals can be distinguished by their

Select the correct option

☐	Electric properties	
☐	Magnetic properties	
☐	Chemical properties	
☒	Optical properties	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

BT405:Quiz 01

Quiz Start Time: 02:23 AM, 18 August 2020

Question # 4 of 10 (Start time: 02:27:44 AM, 18 August 2020)

Total Marks: 1

Diameter of carbon nanotubes is

Select the correct option

☐	<100 nm	
☐	<50 nm	
☒	30 nm	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	None of the given options	

Click to Save Answer & Move to Next Question

EFFORT BY AMAAN KHAN

VU Medical Zone

BT405:Quiz 01

Quiz Start Time: 02:23 AM, 18 August 2020

Question # 5 of 10 (Start time: 02:28:58 AM, 18 August 2020)

Total Marks: 1

The material which contains two or more phase separated components with morphology of spheres, cylinders or networks with nano-sized dimensions is -----?

Select the correct option

☐	Nanocylinder	
☐	Nanostructure	
☒	Nanocomposite	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Nanodot	

Click to Save Answer & Move to Next Question

BT405:Quiz 01

Quiz Start Time: 02:23 AM, 18 August 2020

Question # 6 of 10 (Start time: 02:29:50 AM, 18 August 2020)

Total Marks: 1

Which process is mainly used in the formation of Nanofibers?

Select the correct option

☐	Electroplating	
☐	Spectrometry	
☐	Cytometry	
☒	Electrospinning	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

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VU Medical Zone

BT405:Quiz 01

Quiz Start Time: 02:23 AM, 18 August 2020

Question # 7 of 10 (Start time: 02:31:43 AM, 18 August 2020)

Total Marks: 1

The self-healing properties of natural adhesives are due to the properties of the ----- contained in them?

Select the correct option

☒	Proteins	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Glycans	
☐	minerals	
☐	covalent bond	

Click to Save Answer & Move to Next Question

BT405:Quiz 01

Quiz Start Time: 02:23 AM, 18 August 2020

Question # 8 of 10 (Start time: 02:32:48 AM, 18 August 2020)

Total Marks: 1

Antibody-based biosensors are also known as _____.

Select the correct option

☐	Microbiosensors	
☒	Immunosensors:	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Potentiometric Biosensors	
☐	Biochips	

Click to Save Answer & Move to Next Question

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VU Medical Zone

BT405:Quiz 01

Quiz Start Time: 02:23 AM, 18 August 2020

Question # 9 of 10 (Start time: 02:33:55 AM, 18 August 2020)

Total Marks: 1

----- is used to avoid nanoparticles from agglomeration and they don't get deposited.

Select the correct option

☒	Surfactant	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Algal Extract	
☐	Ceramic	
☐	Choloroform	

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

BT405:Quiz 01

Quiz Start Time: 02:23 AM, 18 August 2020

Question # 10 of 10 (Start time: 02:35:47 AM, 18 August 2020)

Total Marks: 1

The drug resistance occurs due to the presence of

Select the correct option

☐	Chemical barrier	
☒	Physiological barrier	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Physiochemical barrier	
☐	None of these	

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

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