

VU Medical Zone

BC170202686: Adnan Khan

Time Left 82 sec(s)

BT403:Quiz no. 1

Quiz Start Time: 02:31 PM, 28 July 2020

Question # 1 of 10 (Start time: 02:31:50 PM, 28 July 2020)

Total Marks: 1

Octopine strains of Ti plasmid have two T-DNA regions referred to as TL and TR that are respectively _____ in length.

Select the correct option

☐	14 kb and 5 kb	
☒	14 kb and 7 kb	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	10 kb and 7 kb	
☐	10 kb and 5 kb	

Click to Save Answer & Move to Next Question



BC170202686: Adnan Khan

Time Left 82 sec(s)

BT403:Quiz no. 1

Quiz Start Time: 02:31 PM, 28 July 2020

Question # 2 of 10 (Start time: 02:32:19 PM, 28 July 2020)

Total Marks: 1

The explants of the plant must produce phenolic compounds for activation of virulence genes in _____ mediated transformation.

Select the correct option

☒	agrobacterium	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	virus	
☐	bacteria	
☐	yeast	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BC170202686: Adnan Khan

Time Left 77 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 02:31 PM, 28 July 2020

Question # 3 of 10 (Start time: 02:32:36 PM, 28 July 2020)

Total Marks: 1

A bacterial cell transformed with a plasmid having antibiotic resistant gene, it grows on media containing antibiotic kanamycin while all others do not grow. This plasmid contains _____ antibiotic resistant gene.

Select the correct option

☒	Kanamycin	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Ampicillin	
☐	Rifampicin	
☐	All of these	

Click to Save Answer & Move to Next Question



BC170202686: Adnan Khan

Time Left 53 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 02:31 PM, 28 July 2020

Question # 4 of 10 (Start time: 02:32:55 PM, 28 July 2020)

Total Marks: 1

The most preferred methods for plant transformation is _____ ?

Select the correct option

☒	Agrobacterium mediated	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Heat shock method	
☐	Electroporation	
☐	Calcium chloride method	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BC170202686: Adnan Khan

Time Left 66 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 02:31 PM, 28 July 2020

Question # 5 of 10 (Start time: 02:33:52 PM, 28 July 2020)

Total Marks: 1

_____ is an example of genetic marker.

Select the correct option

☐	GFP	
☒	SNPs	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	IAA	
☐	FISH	

Click to Save Answer & Move to Next Question



BC170202686: Adnan Khan

Time Left 84 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 02:31 PM, 28 July 2020

Question # 6 of 10 (Start time: 02:34:29 PM, 28 July 2020)

Total Marks: 1

Commonly transformation occurs naturally in _____

Select the correct option

☒	bacteria	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	viruses	
☐	plants	
☐	animals	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BC170202686: Adnan Khan

Time Left 83 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 02:31 PM, 28 July 2020

Question # 7 of 10 (Start time: 02:34:43 PM, 28 July 2020)

Total Marks: 1

Bacteria having a plasmid containing ampicillin resistance gene can grow on a medium containing _____ antibiotic?

Select the correct option

☐	cephalosporin	
☒	Ampicillin	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	kanamycin	
☐	penicillin	

Click to Save Answer & Move to Next Question



BC170202686: Adnan Khan

Time Left 85 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 02:31 PM, 28 July 2020

Question # 8 of 10 (Start time: 02:34:57 PM, 28 July 2020)

Total Marks: 1

The genetic markers should be _____ and _____

Select the correct option

☐	polymorphic, reproducible	
☐	rare, reproducible	
☒	polymorphic, heterozygous	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	good, resistable	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BC170202686: Adnan Khan

Time Left 83 sec(s)

BT403:Quiz no. 1

Quiz Start Time: 02:31 PM, 28 July 2020

Question # 9 of 10 (Start time: 02:35:09 PM, 28 July 2020)

Total Marks: 1

_____ refers to the state of being able to take up exogenous DNA from the environment.

Select the correct option

☒	competence	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	transformation	
☐	microinjection	
☐	Biolithics	

Click to Save Answer & Move to Next Question



BC170202686: Adnan Khan

Time Left 85 sec(s)

BT403:Quiz no. 1

Quiz Start Time: 02:31 PM, 28 July 2020

Question # 10 of 10 (Start time: 02:35:23 PM, 28 July 2020)

Total Marks: 1

Which of the following is a tumor inducing Bacteria?

Select the correct option

☐	Agrobacterium rhizogene	
☒	Agrobacterium tumefaciens	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Agrobacterium subtilis	
☐	E.coli	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT403:Quiz no. 1

Quiz Start Time: 02:52 AM, 27 July 2020

Question # 1 of 10 (Start time: 02:52:36 AM, 27 July 2020)

Total Marks: 1

Commonly transformation occurs naturally in _____.

Select the correct option

☒	bacteria	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	viruses	
☐	plants	
☐	animals	

Click to Save Answer & Move to Next Question



BT403:Quiz no. 1

Quiz Start Time: 02:52 AM, 27 July 2020

Question # 2 of 10 (Start time: 02:52:52 AM, 27 July 2020)

Total Marks: 1

Which property belongs to morphological markers?

Select the correct option

☐	Exhibit dominance	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Exhibit deleterious effects	
☐	Exhibit pleiotropy	
☒	All given	

Click to Save Answer & Move to Next Question



VU Medical Zone

BT403:Quiz no. 1

Quiz Start Time: 02:52 AM, 27 July 2020

Question # 3 of 10 (Start time: 02:53:05 AM, 27 July 2020)

Total Marks: 1

The lacZ gene codes for the _____ of the enzyme β -galactosidase used in blue white screening.

Select the correct option

☐	lacZ- θ subunit	
☒	lacZ- β subunit	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	lacZ- δ subunit	
☐	lacZ- α subunit	

Click to Save Answer & Move to Next Question



BT403:Quiz no. 1

Quiz Start Time: 02:52 AM, 27 July 2020

Question # 4 of 10 (Start time: 02:53:18 AM, 27 July 2020)

Total Marks: 1

_____ and _____ are utilized by *A. tumefaciens* as sources of carbon and energy.

Select the correct option

☒	opines, agropines	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	auxin, cytokinin	
☐	Ti plasmid, T-DNA	
☐	amino acids, sugar derivatives	

Click to Save Answer & Move to Next Question



VU Medical Zone

BT403:Quiz no. 1

Quiz Start Time: 02:52 AM, 27 July 2020

Question # 5 of 10 (Start time: 02:54:11 AM, 27 July 2020)

Total Marks: 1

Agrobacterium is a _____ Bacteria?

Select the correct option

☐	Gram positive	
☐	non-motile	
☐	Non-ubiquitous	
☒	All of these	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

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



BT403:Quiz no. 1

Quiz Start Time: 02:52 AM, 27 July 2020

Question # 6 of 10 (Start time: 02:55:47 AM, 27 July 2020)

Total Marks: 1

_____ are natural vectors for genetic engineering ?

Select the correct option

☐	Gene gun	
☐	Bacteria	
☒	Viruses	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Phage	

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



EFFORT BY AMAAN KHAN

VU Medical Zone

BT403:Quiz no. 1

Quiz Start Time: 02:52 AM, 27 July 2020

Question # 7 of 10 (Start time: 02:56:30 AM, 27 July 2020)

Total Marks: 1

Which of the following is a tumor inducing Bacteria?

Select the correct option

☐	Agrobacterium rhizogene	
☒	Agrobacterium tumefaciens	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Agrobacterium subtilis	
☐	E coli	

Click to Save Answer & Move to Next Question



BT403:Quiz no. 1

Quiz Start Time: 02:52 AM, 27 July 2020

Question # 8 of 10 (Start time: 02:57:17 AM, 27 July 2020)

Total Marks: 1

_____ induces crown gall disease in Plants?

Select the correct option

☒	A. tumefaciens	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	A. rhizogenes	
☐	E coli	
☐	All of these	

Click to Save Answer & Move to Next Question



VU Medical Zone

BC170406613: AMAAN ASLAM

Time Left 24 sec(s)

BT403:Quiz no. 1

Quiz Start Time: 02:52 AM, 27 July 2020

Question # 9 of 10 (Start time: 02:57:31 AM, 27 July 2020)

Total Marks: 1

Bacteria having a plasmid containing ampicillin resistance gene can grow on a medium containing _____ antibiotic?

Select the correct option

☐	cephalosporin	
☒	Ampicillin	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	kanamycin	
☐	penicillin	

Click to Save Answer & Move to Next Question



BT403:Quiz no. 1

Quiz Start Time: 09:53 PM, 27 July 2020

Question # 1 of 10 (Start time: 09:53:27 PM, 27 July 2020)

Total Marks: 1

Octopine strains of Ti plasmid have two T-DNA regions referred to as TL and TR that are respectively _____ in length.

Select the correct option

☐	10 kb and 5 kb	
☐	10 kb and 7 kb	
☒	14 kb and 7 kb	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	14 kb and 5 kb	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT403: Quiz no. 1

Quiz Start Time: 09:53 PM, 27 July 2020

Question # 2 of 10 (Start time: 09:53:49 PM, 27 July 2020)

Total Marks: 1

AFLP Markers involves cleavage of DNA with ____ different enzymes

Select the correct option

☐	1	
☒	2	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	3	
☐	4	

Click to Save Answer & Move to Next Question



BT403: Quiz no. 1

Quiz Start Time: 09:53 PM, 27 July 2020

Question # 3 of 10 (Start time: 09:54:02 PM, 27 July 2020)

Total Marks: 1

Commonly transformation occurs naturally in _____

Select the correct option

☒	bacteria	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	viruses	
☐	plants	
☐	animals	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT403:Quiz no. 1

Quiz Start Time: 09:53 PM, 27 July 2020

Question # 4 of 10 (Start time: 09:54:16 PM, 27 July 2020)

Total Marks: 1

Commonly transformation occurs naturally in _____

Select the correct option

☐	Animals	
☐	Plants	
☐	Virus	
☒	Bacteria	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BT403:Quiz no. 1

Quiz Start Time: 09:53 PM, 27 July 2020

Question # 5 of 10 (Start time: 09:54:30 PM, 27 July 2020)

Total Marks: 1

The genetic markers should be _____ and _____

Select the correct option

☐	polymorphic, reproducible	
☐	rare, reproducible	
☒	polymorphic, heterozygous	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	good, resistable	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT403:Quiz no. 1

Quiz Start Time: 09:53 PM, 27 July 2020

Question # 6 of 10 (Start time: 09:54:43 PM, 27 July 2020)

Total Marks: 1

_____ and _____ are utilized by *A. tumefaciens* as sources of carbon and energy.

Select the correct option

☒	opines, agropines	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	auxin, cytokinin	
☐	Ti plasmid, T-DNA	
☐	amino acids, sugar derivatives	

Click to Save Answer & Move to Next Question



BT403:Quiz no. 1

Quiz Start Time: 09:53 PM, 27 July 2020

Question # 7 of 10 (Start time: 09:54:56 PM, 27 July 2020)

Total Marks: 1

The explants of the plant must produce phenolic compounds for activation of virulence genes in _____ mediated transformation.

Select the correct option

☒	agrobacterium	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	virus	
☐	bacteria	
☐	yeast	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT403:Quiz no. 1

Quiz Start Time: 09:53 PM, 27 July 2020

Question # 8 of 10 (Start time: 09:55:11 PM, 27 July 2020)

Total Marks: 1

Markers with visual identification are called?

Select the correct option

☐	Single Nucleotide Polymorphism	
☐	Molecular Markers	
☒	Morphological Markers	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Plant Markers	

Click to Save Answer & Move to Next Question



BT403:Quiz no. 1

Quiz Start Time: 09:53 PM, 27 July 2020

Question # 9 of 10 (Start time: 09:55:22 PM, 27 July 2020)

Total Marks: 1

_____ induces crown gall disease in Plants?

Select the correct option

☒	A. tumefaciens	
☐	A. rhizogenes	
☐	E.coli	
☐	All of these	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BC170406423: MUHAMMAD YASIR SHAHZAD

Time Left 75 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 05:53 PM, 27 July 2020

Question # 1 of 10 (Start time: 05:53:02 PM, 27 July 2020)

Total Marks: 1

Markers with visual identification are called?

Select the correct option

☐	Single Nucleotide Polymorphism	
☐	Molecular Markers	
☒	Morphological Markers	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Plant Markers	

Click to Save Answer & Move to Next Question



BC170406423: MUHAMMAD YASIR SHAHZAD

Time Left 84 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 05:53 PM, 27 July 2020

Question # 2 of 10 (Start time: 05:53:32 PM, 27 July 2020)

Total Marks: 1

AFLP Markers involves cleavage of DNA with ____ different enzymes

Select the correct option

☐	1	
☒	2	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	3	
☐	4	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BC170406423: MUHAMMAD YASIR SHAHZAD

Time Left 83 sec(s)

BT403:Quiz no. 1

Quiz Start Time: 05:53 PM, 27 July 2020

Question # 3 of 10 (Start time: 05:53:48 PM, 27 July 2020)

Total Marks: 1

_____ treatment in the presence of divalent cations such as Ca^{2+} (in CaCl_2) prepares the cell membrane to become permeable to plasmid DNA. _____ ?

Select the correct option

- | | | |
|----------------------------------|----------------|---|
| ☐ | Centrifugation | |
| ☐ | Heating | |
| ☒ | Chilling | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| ☐ | All of these | |

Click to Save Answer & Move to Next Question



BC170406423: MUHAMMAD YASIR SHAHZAD

Time Left 71 sec(s)

BT403:Quiz no. 1

Quiz Start Time: 05:53 PM, 27 July 2020

Question # 4 of 10 (Start time: 05:54:10 PM, 27 July 2020)

Total Marks: 1

Transduction is the process by which foreign DNA is introduced into a cell by a _____ ?

Select the correct option

- | | | |
|----------------------------------|----------|---|
| ☐ | Gene gun | |
| ☒ | Virus | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| ☐ | Bacteria | |
| ☐ | Phage | |

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BC170406423: MUHAMMAD YASIR SHAHZAD

Time Left 84 sec(s)

BT403:Quiz no. 1

Quiz Start Time: 05:53 PM, 27 July 2020

Question # 5 of 10 (Start time: 05:54:46 PM, 27 July 2020)

Total Marks: 1

Which of the following is a tumor inducing Bacteria?

Select the correct option

☐	Agrobacterium rhizogene	
☒	Agrobacterium tumefaciens	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Agrobacterium subtilis	
☐	E.coli	

Click to Save Answer & Move to Next Question



BC170406423: MUHAMMAD YASIR SHAHZAD

Time Left 84 sec(s)

BT403:Quiz no. 1

Quiz Start Time: 05:53 PM, 27 July 2020

Question # 6 of 10 (Start time: 05:55:01 PM, 27 July 2020)

Total Marks: 1

The lacZ gene codes for the _____ of the enzyme β -galactosidase.

Select the correct option

☐	lacZ- α subunit	
☒	lacZ- β subunit	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	lacZ- δ subunit	
☐	lacZ- θ subunit	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BC170406423: MUHAMMAD YASIR SHAHZAD

Time Left 31 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 05:53 PM, 27 July 2020

Question # 7 of 10 (Start time: 05:55:15 PM, 27 July 2020)

Total Marks: 1

The explants of the plant must produce phenolic compounds for activation of virulence genes in _____ mediated transformation.

Select the correct option

☒	agrobacterium	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	virus	
☐	bacteria	
☐	yeast	

Click to Save Answer & Move to Next Question



BC170406423: MUHAMMAD YASIR SHAHZAD

Time Left 76 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 05:53 PM, 27 July 2020

Question # 8 of 10 (Start time: 05:56:50 PM, 27 July 2020)

Total Marks: 1

_____ are natural vectors for genetic engineering ?

Select the correct option

☐	Gene gun
☐	Bacteria
☒	Viruses
☐	Phage

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

BC170406423: MUHAMMAD YASIR SHAHZAD

Time Left 59 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 05:53 PM, 27 July 2020

Question # 9 of 10 (Start time: 05:57:14 PM, 27 July 2020)

Total Marks: 1

_____ refers to the state of being able to take up exogenous DNA from the environment.

Select the correct option

☒	competence	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	transformation	
☐	microinjection	
☐	Bioplastics	

Click to Save Answer & Move to Next Question



BT403: Quiz no. 1

Quiz Start Time: 02:29 AM, 27 July 2020

Question # 1 of 10 (Start time: 02:29:03 AM, 27 July 2020)

Total Marks: 1

Anything in the genome that is variable and can be used to compare individuals is called _____

Select the correct option

☒	Genetic marker	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Protein marker	
☐	Molecular marker	
☐	Morphological marker	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT403:Quiz no. 1

Quiz Start Time: 02:29 AM, 27 July 2020

Question # 2 of 10 (Start time: 02:29:24 AM, 27 July 2020)

Total Marks: 1

The lacZ gene codes for the _____ of the enzyme β -galactosidase used in blue white screening.

Select the correct option

☐	lacZ- θ subunit	
☒	lacZ- β subunit	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	lacZ- δ subunit	
☐	lacZ- α subunit	

Click to Save Answer & Move to Next Question



BT403:Quiz no. 1

Quiz Start Time: 02:29 AM, 27 July 2020

Question # 3 of 10 (Start time: 02:29:40 AM, 27 July 2020)

Total Marks: 1

The interaction of genes that are not alleles, in particular the suppression of the effect of one such gene by another is called _____

Select the correct option

☒	Epistasis	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Metastasis	
☐	Codominance	
☐	Multiallelic	

Click to Save Answer & Move to Next Question



VU Medical Zone

BT403:Quiz no. 1

Quiz Start Time: 02:29 AM, 27 July 2020

Question # 4 of 10 (Start time: 02:30:19 AM, 27 July 2020)

Total Marks: 1

Markers with visual identification are called?

Select the correct option

☐	Single Nucleotide Polymorphism	
☐	Molecular Markers	
☒	Morphological Markers	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Plant Markers	



Click to Save Answer & Move to Next Question



BT403:Quiz no. 1

Quiz Start Time: 02:29 AM, 27 July 2020

Question # 5 of 10 (Start time: 02:31:46 AM, 27 July 2020)

Total Marks: 1

The most preferred methods for plant transformation is _____?

Select the correct option

☒	Agrobacterium mediated	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Heat shock method	
☐	Electroporation	
☐	Calcium chloride method	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT403:Quiz no. 1

Quiz Start Time: 02:29 AM, 27 July 2020

Question # 6 of 10 (Start time: 02:32:41 AM, 27 July 2020)

Total Marks: 1

_____ induces crown gall disease in Plants?

Select the correct option

☒	A. tumefaciens	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	A. rhizogenes	
☐	E.coli	
☐	All of these	

Click to Save Answer & Move to Next Question



BT403:Quiz no. 1

Quiz Start Time: 02:29 AM, 27 July 2020

Question # 7 of 10 (Start time: 02:33:35 AM, 27 July 2020)

Total Marks: 1

Which property belongs to morphological markers?

Select the correct option

☐	Exhibit dominance	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Exhibit deleterious effects	
☐	Exhibit pleiotropy	
☒	All given	

Click to Save Answer & Move to Next Question



VU Medical Zone

BT403:Quiz no. 1

Quiz Start Time: 02:29 AM, 27 July 2020

Question # 8 of 10 (Start time: 02:33:51 AM, 27 July 2020)

Total Marks: 1

_____ is a gene or DNA sequence with a known location on a chromosome

Select the correct option

☐	Molecular marker	
☐	DNA marker	
☐	Protein marker	
☒	Genetic marker	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BT403:Quiz no. 1

Quiz Start Time: 02:29 AM, 27 July 2020

Question # 9 of 10 (Start time: 02:34:35 AM, 27 July 2020)

Total Marks: 1

The genetic markers should be _____ and _____.

Select the correct option

☒	polymorphic, reproducible	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	rare, reproducible	
☐	polymorphic, heterozygous	
☐	good, resistable	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT403:Quiz no. 1

Quiz Start Time: 06:48 PM, 27 July 2020

Question # 1 of 10 (Start time: 06:48:15 PM, 27 July 2020)

Total Marks: 1

Which of the following is a tumor inducing Bacteria?

Select the correct option

☐	Agrobacterium rhizogene	
☒	Agrobacterium tumefaciens	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Agrobacterium subtilis	
☐	E coli	

Click to Save Answer & Move to Next Question



BT403:Quiz no. 1

Quiz Start Time: 06:48 PM, 27 July 2020

Question # 2 of 10 (Start time: 06:48:35 PM, 27 July 2020)

Total Marks: 1

Which of the following methods are used to make Bacterial cells competent to take the foreign plasmid DNA _____ ?

Select the correct option

☐	Calcium chloride method	
☐	Electroporation	
☒	Heat shock method	Confirm
☐	All of these	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



VU Medical Zone

BT403:Quiz no. 1

Quiz Start Time: 06:48 PM, 27 July 2020

Question # 3 of 10 (Start time: 06:49:34 PM, 27 July 2020)

Total Marks: 1

The interaction of genes that are not alleles, in particular the suppression of the effect of one such gene by another is called _____

Select the correct option

☒	Epistasis	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Metastasis	
☐	Codominance	
☐	Mutliallelic	

Click to Save Answer & Move to Next Question



BT403:Quiz no. 1

Quiz Start Time: 06:48 PM, 27 July 2020

Question # 4 of 10 (Start time: 06:49:49 PM, 27 July 2020)

Total Marks: 1

Which property belongs to morphological markers?

Select the correct option

☐	Exhibit dominance	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Exhibit deleterious effects	
☐	Exhibit pleiotropy	
☒	All given	

Click to Save Answer & Move to Next Question



VU Medical Zone

BT403:Quiz no. 1

Quiz Start Time: 06:48 PM, 27 July 2020

Question # 5 of 10 (Start time: 06:50:03 PM, 27 July 2020)

Total Marks: 1

_____ treatment in the presence of divalent cations such as Ca^{2+} (in CaCl_2) prepares the cell membrane to become permeable to plasmid DNA. _____ ?

Select the correct option

☐	Centrifugation	
☐	Heating	
☒	Chilling	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	All of these	

Click to Save Answer & Move to Next Question



BT403:Quiz no. 1

Quiz Start Time: 06:48 PM, 27 July 2020

Question # 6 of 10 (Start time: 06:50:18 PM, 27 July 2020)

Total Marks: 1

AFLP Markers involves cleavage of DNA with ____ different enzymes

Select the correct option

☐	1	
☒	2	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	3	
☐	4	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT403:Quiz no. 1

Quiz Start Time: 06:48 PM, 27 July 2020

Question # 7 of 10 (Start time: 06:50:30 PM, 27 July 2020)

Total Marks: 1

Agrobacterium is a _____ Bacteria?

Select the correct option

☒	Gram positive	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	non-motile	
☐	Non-ubiquitous	
☐	All of these	

Click to Save Answer & Move to Next Question



BT403:Quiz no. 1

Quiz Start Time: 06:48 PM, 27 July 2020

Question # 8 of 10 (Start time: 06:50:42 PM, 27 July 2020)

Total Marks: 1

Commonly transformation occurs naturally in _____

Select the correct option

☐	Animals	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Plants	
☐	Virus	
☒	Bacteria	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BT403:Quiz no. 1

Quiz Start Time: 06:48 PM, 27 July 2020

Question # 9 of 10 (Start time: 06:51:33 PM, 27 July 2020)

Total Marks: 1

_____ is an example of genetic marker.

Select the correct option

☐	GFP	
☒	SNPs	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	IAA	
☐	FISH	

Click to Save Answer & Move to Next Question



BC170404600: SHAHBAZ ALI

Time Left 57 sec(s)

BT403:Quiz no. 1

Quiz Start Time: 12:06 AM, 27 July 2020

Question # 1 of 10 (Start time: 12:06:21 AM, 27 July 2020)

Total Marks: 1

Anything in the genome that is variable and can be used to compare individuals is called _____

Select the correct option

☒	Genetic marker	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Protein marker	
☐	Molecular marker	
☐	Morphological marker	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BC170404600: SHAHBAZ ALI

Time Left 57 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 12:06 AM, 27 July 2020

Question # 2 of 10 (Start time: 12:08:08 AM, 27 July 2020)

Total Marks: 1

Multiple forms of the same enzyme coded by the different genes is called _____.

Select the correct option

☒	Isozyme	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Holoenzyme	
☐	APoenzyme	
☐	All of these	

Click to Save Answer & Move to Next Question



BC170404600: SHAHBAZ ALI

Time Left 19 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 12:06 AM, 27 July 2020

Question # 3 of 10 (Start time: 12:10:48 AM, 27 July 2020)

Total Marks: 1

The lacZ gene codes for the _____ of the enzyme β -galactosidase used in blue white screening.

Select the correct option

☐	lacZ- θ subunit	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☒	lacZ- β subunit	
☐	lacZ- δ subunit	
☐	lacZ- α subunit	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BC170404600: SHAHBAZ ALI

Time Left 42 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 12:06 AM, 27 July 2020

Question # 4 of 10 (Start time: 12:12:31 AM, 27 July 2020)

Total Marks: 1

_____ treatment in the presence of divalent cations such as Ca^{2+} (in CaCl_2) prepares the cell membrane to become permeable to plasmid DNA. _____ ?

Select the correct option

- | | | |
|----------------------------------|----------------|---|
| ☐ | Centrifugation | |
| ☐ | Heating | |
| ☒ | Chilling | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| ☐ | All of these | |

Click to Save Answer & Move to Next Question



BC170404600: SHAHBAZ ALI

Time Left 11 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 12:06 AM, 27 July 2020

Question # 5 of 10 (Start time: 12:14:00 AM, 27 July 2020)

Total Marks: 1

Which of the following methods are used to make Bacterial cells competent to take the foreign plasmid DNA. _____ ?

Select the correct option

- | | | |
|----------------------------------|-------------------------|---|
| ☐ | Calcium chloride method | |
| ☐ | Electroporation | |
| ☐ | Heat shock method | |
| ☒ | All of these | 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

BC170404600: SHAHBAZ ALI

Time Left 4 sec(s)

BT403:Quiz no. 1

Quiz Start Time: 12:06 AM, 27 July 2020

Question # 6 of 10 (Start time: 12:19:33 AM, 27 July 2020)

Total Marks: 1

AFLP Markers involves cleavage of DNA with ____ different enzymes

Select the correct option

☐	1	
☒	2	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	3	
☐	4	

Click to Save Answer & Move to Next Question



BC170404600: SHAHBAZ ALI

Time Left 66 sec(s)

BT403:Quiz no. 1

Quiz Start Time: 12:06 AM, 27 July 2020

Question # 7 of 10 (Start time: 12:21:33 AM, 27 July 2020)

Total Marks: 1

Commonly transformation occurs naturally in _____

Select the correct option

☒	bacteria	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	viruses	
☐	plants	
☐	animals	

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BC170404600: SHAHBAZ ALI

Time Left 18 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 12:06 AM, 27 July 2020

Question # 8 of 10 (Start time: 12:25:21 AM, 27 July 2020)

Total Marks: 1

Which property belongs to morphological markers?

Select the correct option

- ☐ Exhibit dominance
- ☐ Exhibit deleterious effects
- ☐ Exhibit pleiotropy
- ☒ All given

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

Click to Save Answer & Move to Next Question



12:27 AM
27-Jul-20

BC170404600: SHAHBAZ ALI

Time Left 60 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 12:06 AM, 27 July 2020

Question # 9 of 10 (Start time: 12:27:04 AM, 27 July 2020)

Total Marks: 1

The lacZ gene codes for the _____ of the enzyme β -galactosidase.

Select the correct option

- ☐ lacZ- α subunit
- ☒ lacZ- β subunit
- ☐ lacZ- δ subunit
- ☐ lacZ- θ subunit

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

Click to Save Answer & Move to Next Question



12:28 AM
27-Jul-20

EFFORT BY AMAAN KHAN

VU Medical Zone

BC170404600: SHAHBAZ ALI

Time Left 15 sec(s)

BT403: Quiz no. 1

Quiz Start Time: 12:06 AM, 27 July 2020

Question # 10 of 10 (Start time: 12:27:50 AM, 27 July 2020)

Total Marks: 1

The genetic markers should be _____ and _____

Select the correct option

☒	polymorphic, reproducible	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	rare, reproducible	
☐	polymorphic, heterozygous	
☐	good, resistable	



Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN