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Best of luck!



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	
☐	Phage	

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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	
☐	Agrobacterium subtilis	
☐	E.coli	

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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	A GOOD EDUCATION IS A FOUNDATION FOR A BETTER FUTURE. CORRECT ANSWER SOLVED BY TEAM HADI EMAIL: hadirajputofficial@gmail.com WHATSAPP & CALL: 03087122922 	/
☐	A. rhizogenes		/
☐	E.coli		/
☐	All of these		/

Click to Save Answer & Move to Next Question

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	//
☐	kanamycin	//
☐	penicillin	//

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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	
☐	14 kb and 5 kb	

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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 GOOD EDUCATION IS A FOUNDATION FOR A BETTER FUTURE. CORRECT ANSWER SOLVED BY TEAM HADI EMAIL: hadirajputofficial@gmail.com WHATSAPP & CALL: 03087122922 ایم ہادی	
☐	A. rhizogenes		
☐	E.coli		
☐	All of these		

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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	//
	Plant Markers	

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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	
☐	3	
☐	4	

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BT403:Quiz no. 1

sec(s)
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	
☐	All of these	

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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	A GOOD EDUCATION IS A FOUNDATION FOR A BETTER FUTURE. CORRECT ANSWER SOLVED BY TEAM HADI EMAIL: hadirajputofficial@gmail.com WHATSAPP & CALL: 03087122922 ایم ہادی
☐	3	
☐	4	

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Question # 27 of 30 (Start time: 01:06:56 PM, 29 December 2020)

Total Marks: 1

Embryo culture can be used in _____.

Select the correct option

☐	Prevention of Embryo Abortion	/
☐	Production of Haploids	/
☐	Production of Haploids	/
☒	All of the given	/

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Somatic embryonic formation can not take place from _____

Select the correct option

☐	Vegetative cells	
☐	Reproductive cells	
☐	Cotyledons	
☒	Zygote	

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_____ 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	/
☐	All of these	/

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Which of the following is not a Physical Plant response against biotic stresses?

Select the correct option

☐	Cork layer formation	4.
☐	Tyloses formation	4.
☐	Swelling of the cell wall	4.
☒	Cross-linking of Cell Wall Proteins	4.

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Question # 21 of 30 (Start time: 01:53:57 PM, 29 December 2020)

Total Marks: 1

Commonly transformation occurs naturally in _____.

Select the correct option

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bacteria

1/1



viruses

1/1



plants

1/1



animals

1/1

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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	A GOOD EDUCATION IS A FOUNDATION FOR A BETTER FUTURE. CORRECT ANSWER SOLVED BY TEAM HADI EMAIL: hadirajputofficial@gmail.com WHATSAPP & CALL: 03087122922 تیم هادی	
☐	Metastasis		
☐	Codominance		
☐	Multiallelic		

Click to Save Answer & Move to Next Question

Question # 20 of 50 (Start time: 02:14:54 PM, 23 December 2020)

Total Marks: 1

Which property belongs to morphological markers?

Select the correct option

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

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Question # 7 of 30 (Start time: 01:23:07 PM, 29 December 2020)

Total Marks: 1

Embryogenesis in carrot cell suspension is stimulated by addition of _____ in medium lacking auxin but inhibited by the addition of kinetin.

Select the correct option

Gibberellins



Zeatin



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Clean equipment and Surface sterilization of explants are used in

Select the correct option

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Tissue Culture

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Genetic Engineering



Cloning



Biolistics

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Question # 23 of 50 (Start time: 01:51:57 PM, 23 December 2020)

Total Marks: 1

In some fungal and bacterial diseases Photosynthesis is reduced because of toxins such as _____ and tentoxin secreted by the pathogen itself

Select the correct option

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Tab toxins



Alpha toxins



Beta toxins



All given

Click to Save Answer & Move to Next Question

Which of the following statements are true regarding the pathogenesis-related protein (PR) proteins?

Select the correct option

☐	Produced during Disease	h
☐	Role in Plant defense	h
☐	Produced in resistant plant varieties	h
☒	All of these	

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Question # 6 of 30 (Start time: 02:24:59 P.M., 29 December 2020)

Total Marks: 1

_____ are natural vectors for genetic engineering ?

Select the correct option

☐	Gene gun	/
☐	Bacteria	/
☒	Viruses	/
☐	Phage	/

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About _____ of bacterial species are capable of naturally taking up DNA under laboratory conditions

Select the correct option

☐	0.1%	
☐	11%	
☒	1%	
☐	1.5%	

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Question # 0 of 50 (Start time: 06:29:10 PM, 23 December 2020)

Total marks: 1

Plant Viruses can spread from plant to plant by_____

Select the correct option

☐	Budding	/
☐	Grafting	/
☐	Insect pests	/
☐	All of these	/

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IEDC stands for _____

Select the correct option



Induced eggs determined cells



Induced embryogenic determined cells

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The pH of the medium is adjusted to _____.

Select the correct option

☒ 5.8

☐ 8

☐ 9

☐ 5

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Question # 2 of 10 (Start time: 11:08:06 PM, 09 December 2020)

Total Marks: 1

Protoplasts of different species can be fused to generate a hybrid and this process is referred to as somatic hybridization (or protoplast fusion).

Select the correct option

☒	True	A GOOD EDUCATION IS A FOUNDATION FOR A BETTER FUTURE. CORRECT ANSWER SOLVED BY TEAM HADI EMAIL: hadirajputofficial@gmail.com WHATSAPP & CALL: 03087122922 
☐	False	MADE BY HADI WHATSAPP: 03087122922

Question # 3 of 10 (Start time: 11:08:38 PM, 09 December 2020)

Total Marks: 1

Enucleated means _____.

Select the correct option

☐	With nucleus	
☒	Without nucleus	A GOOD EDUCATION IS A FOUNDATION FOR A BETTER FUTURE. CORRECT ANSWER SOLVED BY TEAM HADI EMAIL: hadirajputofficial@gmail.com WHATSAPP & CALL:03087122922 ایم ہادی

Click to Save Answer & Move to Next Question

Isolation of mutants from protoplast cultures is _____.

Select the correct option

☒	Easy	A GOOD EDUCATION IS A FOUNDATION FOR A BETTER FUTURE. CORRECT ANSWER SOLVED BY TEAM HADI EMAIL: hadirajputofficial@gmail.com WHATSAPP & CALL: 03087122922 	
☐	Difficult		
☐	Impossible		
☐	Unpredictable		

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_____ markers are those traits that are scored visually, or morphological markers are those genetic markers whose inheritance can be followed with the naked eye.

Select the correct option

☒	Morphological	A GOOD EDUCATION IS A FOUNDATION FOR A BETTER FUTURE. CORRECT ANSWER SOLVED BY TEAM HADI EMAIL: hadirajputofficial@gmail.com WHATSAPP & CALL: 03087122922 تیم هادی	
☐	Biochemical		
☐	DNA based molecular		
☐	None		

Click to Save Answer & Move to Next Question

Question # 6 of 10 (Start time: 11:10:03 PM, 09 December 2020)

Total Marks: 1

_____ process is more important for transgenic plant production.

Select the correct option

☒	Indirect organogenesis	A GOOD EDUCATION IS A FOUNDATION FOR A BETTER FUTURE. CORRECT ANSWER SOLVED BY TEAM HADI EMAIL: hadirajputofficial@gmail.com WHATSAPP & CALL: 03087122922 ایم ہادی	
☐	Direct organogenesis		
☐	Regeneration		
☐	Multiplication		

 Click to Save Answer & Move to Next Question

Question # 3 of 10 (Start time: 12:10:06 AM, 09 December 2020)

Total Marks: 1

_____ process is more important for transgenic plant production.

Select the correct option

☒	Indirect organogenesis	A GOOD EDUCATION IS A FOUNDATION FOR A BETTER FUTURE. CORRECT ANSWER SOLVED BY TEAM HADI EMAIL: hadirajputofficial@gmail.com WHATSAPP & CALL:03087122922 	
☐	Direct organogenesis		
☐	Regeneration		
☐	Multiplication		

Click to Save Answer & Move to Next Question

Q. In 2003, 7 million farmers in 18 countries more than _____ of them resource-poor farmers in the developing world were planting biotech crops.

Select the correct option

- | | | | |
|----------------------------------|-----|--|--|
| ☒ | 85% | <div>A GOOD EDUCATION IS A FOUNDATION FOR A BETTER FUTURE.</div> <div>CORRECT ANSWER SOLVED BY TEAM HADI
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| ☐ | 65% | | |
| ☐ | 30% | | |
| ☐ | 84% | | |

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Question # 5 of 10 (Start time: 12:11:05 AM, 09 December 2020)

Total Marks: 1

_____ markers are those traits that are scored visually, or morphological markers are those genetic markers whose inheritance can be followed with the naked eye.

Select the correct option

☒	Morphological	A GOOD EDUCATION IS A FOUNDATION FOR A BETTER FUTURE CORRECT ANSWER SOLVED BY TEAM HADI EMAIL: hadirajputofficial@gmail.com WHATSAPP & CALL:03087122922
☐	Biochemical	
☐	DNA based molecular	
☐	None	

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Question # 5 of 10 (Start time: 11:41:37 PM, 08 December 2020)

Total Marks: 1

Biotechnology-derived vaccines are used in_____

Select the correct option

☐	animals	
☐	plants	
☒	animals and humans	
☐	microbes	

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Question # 6 of 10 (Start time: 11:42:04 PM, 08 December 2020)

Total Marks: 1

Protoplasts of different species can be fused to generate a hybrid and this process is referred to as _____ hybridization (or protoplast fusion).

Select the correct option

☐	Cell to nucleus	/
☐	Nuclear	/
☒	Somatic	/
☐	all of given	/

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Question # 7 of 10 (Start time: 11:42:50 PM, 08 December 2020)

Total Marks: 1

To cope with the nutrient malnutrition, a variety of rice called as _____ has been introduced.

Select the correct option

☐	White rice	
☒	Golden rice	A GOOD EDUCATION IS A FOUNDATION FOR A BETTER FUTURE. CORRECT ANSWER SOLVED BY TEAM HADI EMAIL: hadirajputofficial@gmail.com WHATSAPP & CALL: 03087122922 تیم هادی
☐	Brown rice	
☐	Rice	

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Biotech crops may provide enhanced quality traits such as increased levels of beta-carotene in rice to aid in reducing _____ deficiencies.

Select the correct option

☒	vitamin A	A GOOD EDUCATION IS A FOUNDATION FOR A BETTER FUTURE. CORRECT ANSWER SOLVED BY TEAM HADI EMAIL.: hadirajputofficial@gmail.com WHATSAPP & CALL:03087122922 	
☐	vitamin B		
☐	vitamin C		
☐	vitamin D		

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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	
☐	kanamycin	
☐	penicillin	

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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	/
☐	good, resistable	/

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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	A GOOD EDUCATION IS A FOUNDATION FOR A BETTER FUTURE. CORRECT ANSWER SOLVED BY TEAM HADI EMAIL: hadirajputofficial@gmail.com WHATSAPP & CALL: 03087122922	//
☐	transformation		//
☐	microinjection		//
☐	Biolistics		

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	/
☐	Agrobacterium subtilis	/
☐	E.coli	/

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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	A GOOD EDUCATION IS A FOUNDATION FOR A BETTER FUTURE. CORRECT ANSWER SOLVED BY TEAM HADI EMAIL: hadirajputofficial@gmail.com WHATSAPP & CALL: 03087122922 ایم ہادی	
☐	auxin, cytokinin		
☐	Ti plasmid, T-DNA		
☐	amino acids, sugar derivatives		

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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	//

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