

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Bio_203

METHODS IN MOLECULAR BIOLOGY

Quiz No.1 Fall 2022

Full Solution

Total Marks: 10

Due date: 15/12/2022



***"Don't Stop When you Tired,
Stop When you Done"***

0304-4756496

MUHAMMAD ZAMAN 😊

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**1-The standard combination of
temperatures for a PCR reaction is ———
——**

The screenshot shows a web browser window with a quiz interface. The browser's address bar displays the URL: <https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=b5d4bcb9-63f5-4a54-b3ae-bbe19c1...>. The page title is "Quiz". The question is labeled "Question # 1 of 10" with a start time of "08:54:15 AM, 13 December 2022" and a total mark of "1". The question text is: "The standard combination of temperatures for a PCR reaction is -----". Below the question, there is a section titled "Select the correct option" with four radio button choices: "94-64-74", "94-40-66", "94-55-72", and "94-44-64". The second option, "94-40-66", is selected. A red text overlay "Confirm it Please" is positioned over the selected option. At the bottom right of the question area, there is a blue button that says "Click to Save Answer & Move to Next Question". The Windows taskbar is visible at the bottom of the screen, showing the search bar, task view, and several application icons (File Explorer, Edge, Word). The system clock in the bottom right corner indicates "8:56 AM 12/13/2022".

Question # 1 of 10 (Start time: 08:54:15 AM, 13 December 2022) Total Marks: 1

The standard combination of temperatures for a PCR reaction is -----

Select the correct option

☐ 94-64-74

☒ 94-40-66 *Confirm it Please*

☐ 94-55-72

☐ 94-44-64

Click to Save Answer & Move to Next Question

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**2-_____determine the specificity
of the PCR reaction**

Quiz

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=97472d2a-4d67-4fdd-9fac-e7d9d188198a

Question # 2 of 10 (Start time: 08:56:25 AM, 13 December 2022) Total Marks: 1

_____determine the specificity of the PCR reaction

Select the correct option

☐	Buffer
☐	DNA template
☒	Primers
☐	DNTPs

Right Answer

Click to Save Answer & Move to Next Question

Type here to search

8:56 AM 12/13/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**3-Synthesis of cDNA takes place using
oligo dT primers at _____**

Quiz Synthesis of cDNA takes place using oligo dT primers at _____

Question # 3 of 10 (Start time: 08:56:56 AM, 13 December 2022) Total Marks: 1

Synthesis of cDNA takes place using oligo dT primers at _____

Select the correct option

☐	(18°C) one hour
☐	(40°C) two hour
☐	(25°C) one hour
☒	(37°C) one hour

Right Answer

Click to Save Answer & Move to Next Question

Type here to search

8:58 AM 12/13/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

4-RT-PCR is widely used in

The screenshot shows a web browser window with the address bar displaying <https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=9a0ae0cf-d894-43d3-943b-57ade8593c4d>. The page title is "Quiz". The question is "Question # 4 of 10 (Start time: 08:58:42 AM, 13 December 2022)" with "Total Marks: 1". The question text is "RT-PCR is widely used in _____". Below the question is a table with four options, each with a radio button. The first three options are "RNA editing", "DNA amplification", and "Protein expression". The fourth option is "Expression profiling", which is selected. To the right of the selected option, the text "Right Answer" is displayed in a red box. At the bottom of the table, there is a button that says "Click to Save Answer & Move to Next Question". The Windows taskbar is visible at the bottom of the browser window, showing the search bar and several application icons.

Question # 4 of 10 (Start time: 08:58:42 AM, 13 December 2022) Total Marks: 1

RT-PCR is widely used in _____

Select the correct option

☐	RNA editing
☐	DNA amplification
☐	Protein expression
☒	Expression profiling

Right Answer

Click to Save Answer & Move to Next Question

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

5-Which of the following is the first and the most important step in the polymerase chain reaction?

Quiz

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=e0b84b9f-b85a-4442-914c-0b481b1bc516

Question # 5 of 10 (Start time: 08:59:34 AM, 13 December 2022) Total Marks: 1

Which of the following is the first and the most important step in the polymerase chain reaction?

Select the correct option

☐	Primer extension
☐	Annealing
☒	Denaturation
☐	Final extension

Right Answer

Click to Save Answer & Move to Next Question

Type here to search

9:00 AM 12/13/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

6-What is the function of DNA Polymerase?

Quiz

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=d50cb293-0c70-41a9-bfdc-c0539ff9e145

Question # 6 of 10 (Start time: 09:00:51 AM, 13 December 2022) Total Marks: 1

What is the function of DNA Polymerase?

Select the correct option

☒	Separate the DNA	Right Answer
☐	Attach primers to target sequence	
☐	Separate the fragments according to size	
☐	Attach nucleotides to the target sequence	

Click to Save Answer & Move to Next Question

Type here to search

9:02 AM 12/13/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

7-A heat stable enzyme called Taq Polymerase is used in Polymerase Chain Reaction (PCR) which is obtained from a bacterium _____

Quiz

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=bd3052e9-0f05-4808-b427-2a3edbc7a07

Question # 7 of 10 (Start time: 09:02:27 AM, 13 December 2022) Total Marks: 1

A heat stable enzyme called Taq Polymerase is used in Polymerase Chain Reaction (PCR) which is obtained from a bacterium -----

Select the correct option

☐	Escherichia coli	
☒	Thermus aquaticus	Right Answer
☐	Actinobacillus capsulatus	
☐	Salmonella Typhi	

Click to Save Answer & Move to Next Question

Type here to search

9:03 AM 12/13/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

8-To amplify one strand of the original DNA more than the other, a special type of PCR is used which is known as ———

—

Quiz

To amplify one strand of the orig

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=99d8d4b1-1a67-49d7-b01b-9ad5e1aa0f42

Question # 8 of 10 (Start time: 09:03:18 AM, 13 December 2022) Total Marks: 1

To amplify one strand of the original DNA more than the other, a special type of PCR is used which is known as -----

Select the correct option

☐	None of these
☐	Asymetric PCR
☐	In-situ PCR
☐	Colony PCR

Right Answer

Click to Save Answer & Move to Next Question

Type here to search

9:05 AM 12/13/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

9-What would the generally expected effect on the PCR reaction be of adjustments that increase the temperature of the annealing phase and the length of the elongation phase?

Quiz

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=5f44a0ac-de92-429c-8205-840127b0dd44

Question # 9 of 10 (Start time: 09:05:15 AM, 13 December 2022) Total Marks: 1

What would the generally expected effect on the PCR reaction be of adjustments that increase the temperature of the annealing phase and the length of the elongation phase?

Select the correct option

☐	Precision will be increased, but yield will be reduced
☒	Precision and yield will be reduced
☐	Precision will be reduced, but yield will be increased
☐	Precision and yield will be increased

Right Answer

Click to Save Answer & Move to Next Question

Type here to search

9:06 AM 12/13/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

10-Which of the following is the basic requirement of PCR reaction?

Quiz

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=039503fe-ea68-4820-a3b3-b389947f0d54

Question # 10 of 10 (Start time: 09:06:18 AM, 13 December 2022) Total Marks: 1

Which of the following is the basic requirement of PCR reaction?

Select the correct option

☐	A heat-stable DNA polymerase
☐	Two oligonucleotide primers
☐	DNA segment to be amplified
☒	All of the above

Right Answer

Click to Save Answer & Move to Next Question

Type here to search

9:07 AM 12/13/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

What are the base-pairing rules in DNA?

Quiz

BIO203 GRAND QUIZ E

BIO203 Complete PPTz

What are the base-pairing rules in DNA?

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=84abedef-6a1b-47dd-be70-abeef5851bc

Question # 1 of 10 (Start time: 07:53:44 PM, 14 December 2022) Total Marks: 1

What are the base-pairing rules in DNA?

Select the correct option

☒	A-T, G-C
☐	A-C, G-U
☐	A-C, G-T
☐	A-U, G-C

Click to Save Answer & Move to Next Question

Type here to search

7:54 PM 12/14/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**———— is used to clone sequences
flanking a known sequence.**

Quiz BIO203 GRAND QUIZ BIO203 Complete PPTz ----- is used to clone

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=ff1dbda9-0d38-4cb6-ae71-902445823d49

Question # 2 of 10 (Start time: 07:54:06 PM, 14 December 2022) Total Marks: 1

----- is used to clone sequences flanking a known sequence.

Select the correct option

☐	Nested PCR
☐	Real Time PCR
☒	Inverse PCR
☐	None of these

Click to Save Answer & Move to Next Question

Type here to search

7:55 PM 12/14/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

In Hot Start PCR, the conditions are adjusted in such a way to stop the activity of _____ enzyme at ambient temperature.

Quiz | BIO203 GRAND QUIZ E | BIO203 Complete PPTz | In Hot Start PCR, the co | + | - | X

← | ↻ | 🔒 | <https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=6136d191-f4e8-43a3-8b82-4b119cff958e> | A | ☆ | ☆ | 📄 | 👤 | ⋮

Question # 3 of 10 (Start time: 07:55:21 PM, 14 December 2022) Total Marks: 1

In Hot Start PCR, the conditions are adjusted in such a way to stop the activity of ----- enzyme at ambient temperature.

Select the correct option

☒	Taq Polymerase
☐	Primase
☐	Ligase
☐	Helicase

▶ Click to Save Answer & Move to Next Question

Windows | Type here to search | 🗂️ | 🔄 | 🌐 | 📄 | 7:56 PM 12/14/2022 | ENG | 3

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For making cDNA _____ is used
as a template**

Quiz BIO203 GRAND QUIZ BIO203 Complete PPTz For making cDNA _____

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=f2736afb-2af3-469a-9e28-a2b89f22f6bc

Question # 4 of 10 (Start time: 07:56:41 PM, 14 December 2022) Total Marks: 1

For making cDNA _____ is used as a template

Select the correct option

☒	RNA
☐	All given
☐	cDNA
☐	DNA

Click to Save Answer & Move to Next Question

Type here to search

7:57 PM 12/14/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**A fixed cell or tissue can be amplified by
_____ type of PCR**

Quiz

BIO203 GRAND QUIZ E x

BIO203 Complete PPTz x

A fixed cell or tissue can x

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=0e8721ac-6d26-4e9c-ba03-ad0c093c8829

Question # 5 of 10 (Start time: 07:57:03 PM, 14 December 2022) Total Marks: 1

A fixed cell or tissue can be amplified by _____ type of PCR

Select the correct option

☐	Colony PCR
☒	In situ
☐	Nested PCT
☐	RT-PCT

Click to Save Answer & Move to Next Question

Type here to search

7:57 PM 12/14/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**Melting of DNA template results in
yielding _____ of DNA**

Quiz BIO203 GRAND BIO203 Comple Melting of DNA Melting of DNA

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=399b067c-5599-4f18-a853-e61e46fcb840

Question # 6 of 10 (Start time: 07:58:01 PM, 14 December 2022) Total Marks: 1

Melting of DNA template results in yielding _____ of DNA

Select the correct option

☐	Double strands
☒	Single strands
☐	All given
☐	Replicated strands

Click to Save Answer & Move to Next Question

Type here to search

7:58 PM 12/14/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

The type of PCR used for the screening of bacterial or yeast clones for correct ligation or plasmid products is _____

The screenshot shows a web browser window with multiple tabs. The active tab is titled "The type of PCR used f...". The address bar shows the URL: <https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=5abf1e6b-9763-415f-b64f-eae42b1119b3>. The page content displays "Question # 7 of 10 (Start time: 07:58:24 PM, 14 December 2022)" and "Total Marks: 1". The question text is: "The type of PCR used for the screening of bacterial or yeast clones for correct ligation or plasmid products is -----". Below the question, there is a section titled "Select the correct option" with four radio button options: "Mini primer PCR", "Multiplex PCR", "Colony PCR", and "Insitu PCR". The "Colony PCR" option is selected. At the bottom of the question area, there is a blue button that says "Click to Save Answer & Move to Next Question". The Windows taskbar is visible at the bottom, showing the search bar, taskbar icons, and system tray with the time 7:58 PM and date 12/14/2022.

Question # 7 of 10 (Start time: 07:58:24 PM, 14 December 2022) Total Marks: 1

The type of PCR used for the screening of bacterial or yeast clones for correct ligation or plasmid products is -----

Select the correct option

- ☐ Mini primer PCR
- ☐ Multiplex PCR
- ☒ Colony PCR
- ☐ Insitu PCR

Click to Save Answer & Move to Next Question

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**Methylation-specific PCR is used to
identify patterns of DNA methylation at
CpG islands in _____**

The screenshot shows a web browser window with the address bar displaying <https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=6bf41fbc-597e-4bf1-ad69-a3eaa9b75bd2>. The browser tabs include 'Quiz', 'BIO203 GRAND QUIZ E...', 'BIO203 Complete PPT...', and 'Methylation-specific PC...'. The page content shows 'Question # 8 of 10 (Start time: 07:59:24 PM, 14 December 2022)' and 'Total Marks: 1'. The question text is 'Methylation-specific PCR is used to identify patterns of DNA methylation at CpG islands in _____'. Below the question is a section titled 'Select the correct option' with four radio button options: 'RNA', 'All given', 'Genomic DNA' (which is selected), and 'cDNA'. At the bottom of the question area is a blue button that says 'Click to Save Answer & Move to Next Question'. The Windows taskbar is visible at the bottom, showing the search bar, taskbar icons, and system clock (7:59 PM, 12/14/2022).

Question # 8 of 10 (Start time: 07:59:24 PM, 14 December 2022) Total Marks: 1

Methylation-specific PCR is used to identify patterns of DNA methylation at CpG islands in _____

Select the correct option

☐	RNA
☐	All given
☒	Genomic DNA
☐	cDNA

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

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**The most widely used dye in Real time
PCR is —————**

Quiz x BIO203 GRAND x BIO203 Comple x Methylation-spe x The most widely x + -

← → https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=9e2c58f3-9156-4672-9bd4-2ad1b12b46a7 A ☆ ☆

Question # 9 of 10 (Start time: 07:59:58 PM, 14 December 2022) Total Marks: 1

The most widely used dye in Real time PCR is -----

Select the correct option

☐	None of these
☐	Methylene blue dye
☐	Ethidium bromide dye
☒	Sybr green dye

Click to Save Answer & Move to Next Question

Type here to search

8:01 PM 12/14/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**Real Time PCR is used to measure the
quantity of a _____**

The screenshot shows a web browser window with multiple tabs open. The active tab is titled 'Real Time PCR'. The address bar shows the URL: <https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=c0efd005-dde2-4c74-81fa-52c72281fee8>. The page content displays 'Question # 10 of 10 (Start time: 08:01:42 PM, 14 December 2022)' and 'Total Marks: 1'. The question text is 'Real Time PCR is used to measure the quantity of a_____'. Below the question, there is a section titled 'Select the correct option' with four radio button options: 'All given', 'RNA expression', 'DNA amplification', and 'PCR product'. The 'PCR product' option is selected. At the bottom right of the question area, there is a blue button that says 'Click to Save Answer & Move to Next Question'. The Windows taskbar is visible at the bottom of the screen, showing the search bar and several application icons.

Question # 10 of 10 (Start time: 08:01:42 PM, 14 December 2022) Total Marks: 1

Real Time PCR is used to measure the quantity of a_____

Select the correct option

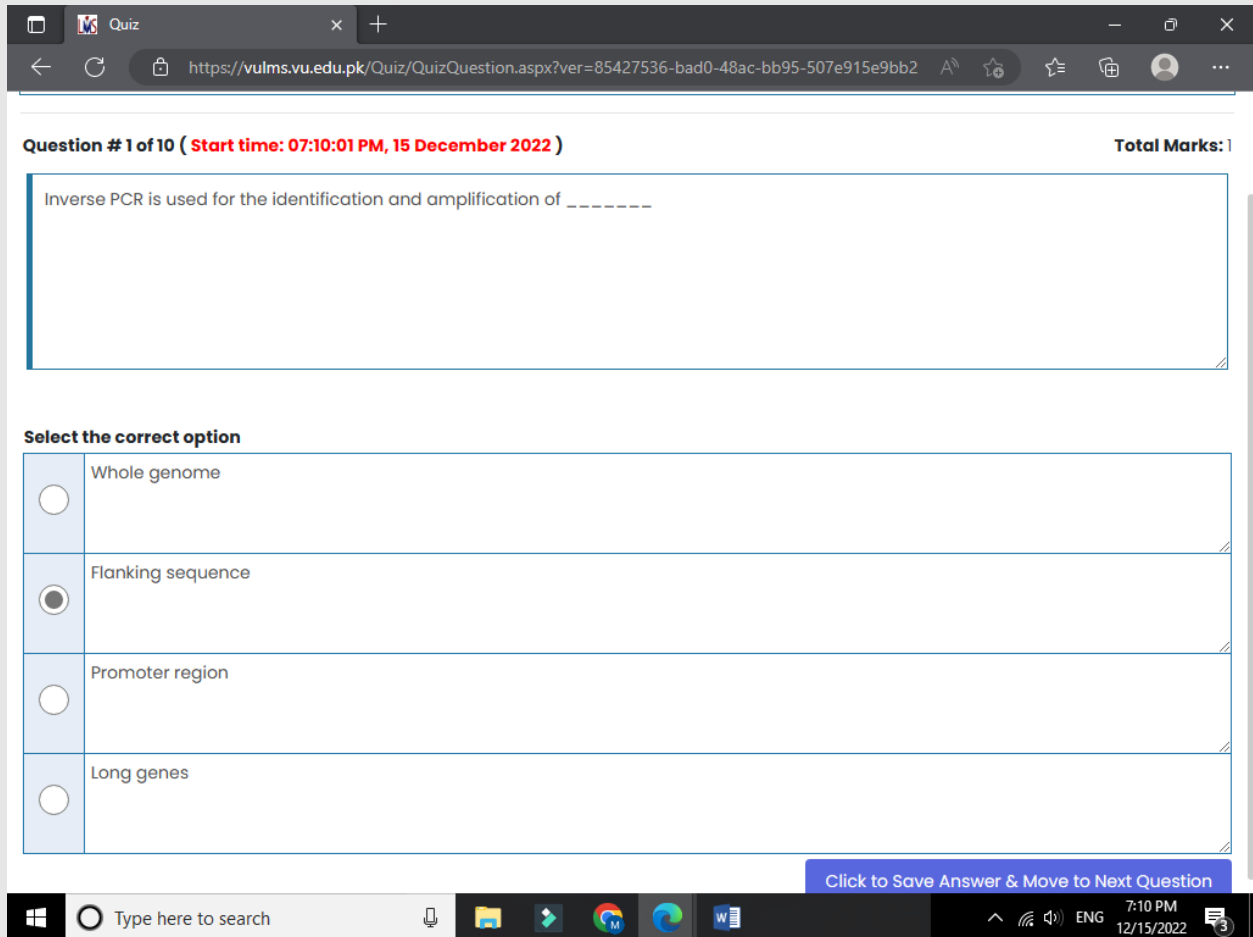
- ☐ All given
- ☐ RNA expression
- ☐ DNA amplification
- ☒ PCR product

Click to Save Answer & Move to Next Question

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**Inverse PCR is used for the
identification and amplification of**



The screenshot shows a web browser window with a quiz interface. The address bar displays the URL: <https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=85427536-bad0-48ac-bb95-507e915e9bb2>. The page title is "Quiz".

Question # 1 of 10 (Start time: 07:10:01 PM, 15 December 2022) **Total Marks: 1**

Inverse PCR is used for the identification and amplification of -----

Select the correct option

☐	Whole genome
☒	Flanking sequence
☐	Promoter region
☐	Long genes

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

The Windows taskbar at the bottom shows the search bar with the text "Type here to search", several application icons (File Explorer, Edge, Word, etc.), and the system clock displaying "7:10 PM 12/15/2022".

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

You decide to use PCR to determine if you have Cystic Fibrosis, a genetic disorder. You then decide to also check if you are at risk for developing Alzheimers, another genetic disorder. What PCR "ingredient" would be different in these two tests?

Quiz

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=49ffcc0-be2e-4519-a051-a2e1abf367bc

Question # 2 of 10 (Start time: 07:11:08 PM, 15 December 2022) Total Marks: 1

You decide to use PCR to determine if you have Cystic Fibrosis, a genetic disorder. You then decide to also check if you are at risk for developing Alzheimers, another genetic disorder.
What PCR "ingredient" would be different in these two tests?

Select the correct option

☒	Primers
☐	Nucleotides
☐	Template DNA
☐	Taq DNA polymerase

Click to Save Answer & Move to Next Question

Type here to search

7:11 PM
12/15/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

What is the function of DNA Polymerase?

Quiz

What is the function of DNA Poly

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=aaadb684-4117-457c-9867-2d80d8804806

Question # 3 of 10 (Start time: 07:11:53 PM, 15 December 2022) Total Marks: 1

What is the function of DNA Polymerase?

Select the correct option

☐	Separate the fragments according to size
☐	Attach nucleotides to the target sequence
☒	Separate the DNA
☐	Attach primers to target sequence

Click to Save Answer & Move to Next Question

Type here to search

7:12 PM 12/15/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

The extension rate of Taq Polymerase enzyme is _____

Quiz The extension rate of Taq Polym x +
https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=6b1e1c8f-1c7b-4034-b97c-b8d843444b4b

Question # 4 of 10 (Start time: 07:12:57 PM, 15 December 2022) Total Marks: 1

The extension rate of Taq Polymerase enzyme is -----

Select the correct option

☐	70 nt/sec
☐	75 nt/sec
☐	65 nt/sec
☒	60 nt/sec

Click to Save Answer & Move to Next Question

Type here to search 7:14 PM 12/15/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

What are the base-pairing rules in DNA?

Quiz

What are the base-pairing rules in DNA?

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=c9cbb14-e48d-46c2-b228-66e2f53a9ed1

Question # 5 of 10 (Start time: 07:14:00 PM, 15 December 2022) Total Marks: 1

What are the base-pairing rules in DNA?

Select the correct option

☐	A-C, G-T
☒	A-T, G-C
☐	A-U, G-C
☐	A-C, G-U

Click to Save Answer & Move to Next Question

Type here to search

7:14 PM 12/15/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**_____PCR is used for
screening of bacterial or yeast clones
for correct ligation or plasmid products.**

Quiz

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=3f6e6409-a6da-4633-ab83-85fe0f4f24a8

Question # 6 of 10 (Start time: 07:14:31 PM, 15 December 2022) Total Marks: 1

_____PCR is used for screening of bacterial or yeast clones for correct ligation or plasmid products.

Select the correct option

- ☐ Asymmetric PCR
- ☒ Colony PCR
- ☐ Allele-specific
- ☐ Q-PCR

Click to Save Answer & Move to Next Question

Type here to search

7:15 PM 12/15/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**ECOR1 is a _____ restriction
enzyme**

The screenshot shows a web browser window with a quiz interface. The address bar shows the URL: <https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=01f9c6e2-79a7-4811-9f96-3aceabdd6ab>. The page title is "Quiz". The question is "Question # 7 of 10 (Start time: 07:14:59 PM, 15 December 2022)" and the total marks are 1. The question text is "ECOR1 is a _____ restriction enzyme". Below the question is a text input field. Underneath the input field is a section titled "Select the correct option" with four radio button options: Polycutter, Hexacutter, Tetracutter, and Pentacutter. The "Polycutter" option is selected. At the bottom right of the question area is a blue button that says "Click to Save Answer & Move to Next Question". The Windows taskbar is visible at the bottom of the screen.

Quiz

ECOR1 is a _____ restriction

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=01f9c6e2-79a7-4811-9f96-3aceabdd6ab

Question # 7 of 10 (Start time: 07:14:59 PM, 15 December 2022) Total Marks: 1

ECOR1 is a _____ restriction enzyme

Select the correct option

☒ Polycutter

☐ Hexacutter

☐ Tetracutter

☐ Pentacutter

Click to Save Answer & Move to Next Question

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

What happens in the Denature step of PCR?

Quiz

What happens in the Denature step of PCR?

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=91409fd4-f3ac-49f8-853c-51bd299b3e74

Question # 8 of 10 (Start time: 07:16:35 PM, 15 December 2022) Total Marks: 1

What happens in the Denature step of PCR?

Select the correct option

☐	The base-pairing rules for DNA are reversed.
☐	The DNA nucleotides are broken apart.
☒	The double-stranded DNA is separated into two single strands of DNA.
☐	The DNA is returned to its natural setting.

Click to Save Answer & Move to Next Question

Type here to search

7:17 PM 12/15/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

_____ is used to assemble two or more pieces of DNA into one piece.

Quiz

_____ is used to assemble two or more pieces of DNA into one piece.

Question # 9 of 10 (Start time: 07:17:54 PM, 15 December 2022) Total Marks: 1

----- is used to assemble two or more pieces of DNA into one piece.

Select the correct option

☒	Assembly PCR
☐	Colony PCR
☐	All given
☐	Inverse PCR

Click to Save Answer & Move to Next Question

Type here to search

7:18 PM 12/15/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**A fixed cell or tissue can be amplified by
_____ type of PCR**

Quiz

A fixed cell or tissue can be amp

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=51a98f60-a42e-4b74-921b-7e85b6e2786d

Question # 10 of 10 (Start time: 07:18:46 PM, 15 December 2022) Total Marks: 1

A fixed cell or tissue can be amplified by _____ type of PCR

Select the correct option

☐	RT-PCT
☐	Nested PCT
☒	In situ
☐	Colony PCR

Click to Save Answer & Move to Next Question

Type here to search

7:20 PM 12/15/2022

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**There is all are 100% right solved
But there is a little chance of any
mistake**

**Please IF you find Any mistake and then
let us to Know**

Bio203 WhatsApp Group Link

**[https://chat.whatsapp.com/KfUfXKDIT8r
AVzVkWZML8G](https://chat.whatsapp.com/KfUfXKDIT8rAVzVkWZML8G)**

Zoology Legends

**[https://chat.whatsapp.com/HMS1CGrZW
4h7QWa1D53roe](https://chat.whatsapp.com/HMS1CGrZW4h7QWa1D53roe)**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**

Effort by Muhammad Zaman

03044756496

JazakAllaH

**For Paid Quiz contact ME on Whatsapp:
Muhammad Zaman 03044756496**