VU Medical Zone

BIO 203 Grand Quiz Fall 2020

BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 1 of 30 (Start time: 02:10:00 AM, 26 December 2020)

Total Marks: 1

_____enzymes have symmetrical recognition sequences but are of little value

Select the correct option

- [x] Type III

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

- [ ] Exonucleases
- [ ] Type II
- [ ] Type I

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 2 of 30 (Start time: 02:11:15 AM, 26 December 2020)

Total Marks: 1

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

Select the correct option

- [ ] RT-PCR
- [ ] Real time PCR
- [ ] Nested PCR
- [x] Colony PCR

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

BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 3 of 30 (Start time: 02:12:08 AM, 26 December 2020)

Total Marks: 1

AFLP is a highly sensitive PCR-based method for detecting _____in DNA

Select the correct option

- [x] Polymorphisms

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

- [ ] Deletion
- [ ] Insertion
- [ ] Duplication

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 4 of 30 (Start time: 02:12:56 AM, 26 December 2020)

Total Marks: 1

Agarose extracted from sea weeds finds use in ____

Select the correct option

- [ ] Spectrophotometry
- [x] Gel electrophoresis

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

- [ ] PCR
- [ ] Tissue culture

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

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BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 5 of 30 (Start time: 02:13:14 AM, 26 December 2020)

Total Marks: 1

_____PCR uses the template for the reverse primers is a restriction fragment that has been self-ligated

Select the correct option

- [x] Inverse

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

- [ ] Allele-specific
- [ ] Colony
- [ ] Asymmetric

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 6 of 30 (Start time: 02:13:53 AM, 26 December 2020)

Total Marks: 1

Which of the following statements are true regarding PCR?

Select the correct option

- [ ] Primer extension occurs at 72°C
- [ ] Denaturation involves heating at 90 to 98°C
- [ ] Annealing involves the binding of primer between 40 to 60C°C
- [x] All of the above

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

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BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 7 of 30 (Start time: 02:15:22 AM, 26 December 2020)

Total Marks: 1

_____tools have also allowed to perform prenatal genetic diagnosis

Select the correct option

- [x] Molecular

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

- [ ] Microbiology
- [ ] Histology
- [ ] Radiology

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 8 of 30 (Start time: 02:16:15 AM, 26 December 2020)

Total Marks: 1

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

Select the correct option

- [ ] 60 nt/sec
- [ ] 65 nt/sec
- [ ] 70 nt/sec
- [x] 75 nt/sec

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

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BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 9 of 30 (Start time: 02:16:50 AM, 26 December 2020)

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

- [x] Precision and yield will be reduced

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

- [ ] Precision will be reduced, but yield will be increased
- [ ] Precision will be increased, but yield will be reduced
- [ ] Precision and yield will be increased

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 10 of 30 (Start time: 02:17:56 AM, 26 December 2020)

Total Marks: 1

The instrument used to run the PCR is known as ----------

Select the correct option

- [ ] Centrifuge machine
- [ ] Incubator
- [ ] UV Transilluminator
- [x] Thermocycler

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

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BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 11 of 30 (Start time: 02:18:18 AM, 26 December 2020)

Total Marks: 1

Non genomic material such as RNA can be detected by _____

Select the correct option

- [x] In situ PCR

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

- [ ] Conventional PCR
- [ ] Western blotting
- [ ] Spectrophotometer

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 12 of 30 (Start time: 02:19:05 AM, 26 December 2020)

Total Marks: 1

If the primer sequence is TCG, what section of DNA will it anneal?

Select the correct option

- [x] AGC

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

- [ ] CAT
- [ ] GAC
- [ ] ATC

Click to Save Answer & Move to Next Question



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BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 13 of 30 (Start time: 02:19:55 AM, 26 December 2020) **Total Marks: 1**

Which one of the following is the source of pfu Polymerase?

Select the correct option

- Thermococcus litoralis
- Thermococcus litoralis
- Pyrococcus furiosus
- T. aquaticus

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

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 14 of 30 (Start time: 02:20:25 AM, 26 December 2020) **Total Marks: 1**

In _____ PCR there is very low probability of non-specific amplification of DNA

Select the correct option

- Nested
- Multiplex
- RT-PCR
- Conventional

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

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

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BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 15 of 30 (Start time: 02:21:15 AM, 26 December 2020)

Total Marks: 1

---------- PCR uses primers whose 3' ends encompass the SNP.

Select the correct option

- Reverse Transcriptase PCR
- Assembly PCR
- Ligation mediated PCR
- [x] Allele Specific PCR

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

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 16 of 30 (Start time: 02:21:50 AM, 26 December 2020)

Total Marks: 1

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

Select the correct option

- [x] CpG islands

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

- Promoter region
- AP Site
- Start site

Click to Save Answer & Move to Next Question



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BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 17 of 30 (Start time: 02:22:34 AM, 26 December 2020)

Total Marks: 1

At what temperature does annealing of DNA and primer take place?

Select the correct option

- [x] 54°C

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

- [ ] 96°C
- [ ] 42°C
- [ ] 74°C

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 18 of 30 (Start time: 02:22:57 AM, 26 December 2020)

Total Marks: 1

What is the function of a primer?

Select the correct option

- [x] To identify the particular region of DNA to be copied by PCR.

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

- [ ] To copy DNA.
- [ ] To create DNA nucleotides.
- [ ] To maintain the temperature of the PCR reaction.

Click to Save Answer & Move to Next Question



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sec(s)

BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 19 of 30 (Start time: 02:23:57 AM, 26 December 2020) Total Marks: 1

For making cDNA _____ is used as a template

Select the correct option

- DNA
- RNA
- cDNA
- All given

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

Click to Save Answer & Move to Next Question



sec(s)

BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 20 of 30 (Start time: 02:24:19 AM, 26 December 2020) Total Marks: 1

A technique for making millions of copies of a specific region of DNA.

Select the correct option

- DNA ligase
- Restriction enzymes
- Gel electrophoresis
- Polymerase chain reaction

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

Click to Save Answer & Move to Next Question



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BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 21 of 30 (Start time: 02:24:41 AM, 26 December 2020)

Total Marks: 1

The limitations of PCR are _____.

Select the correct option

- Contamination risk
- Primer complexities
- Primer-binding site complexities
- all of these

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

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 22 of 30 (Start time: 02:25:02 AM, 26 December 2020)

Total Marks: 1

Assembly PCR is used to assemble two or more pieces of DNA into ----------

Select the correct option

- One piece
- Two pieces
- Three pieces
- 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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BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 23 of 30 (Start time: 02:25:24 AM, 26 December 2020)

Total Marks: 1

Mini Primer PCR uses a thermostable polymerase (S-Tbr) that can extend from short primers as short as_____nucleotides.

Select the correct option

- 14-15
- 5-6
- 7-8
- 9-10

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

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 24 of 30 (Start time: 02:26:00 AM, 26 December 2020)

Total Marks: 1

Allele-specific PCR used for identifying of _____

Select the correct option

- SNPs

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

- Long genes
- Deletion Mutations
- Insertion Mutations

Click to Save Answer & Move to Next Question



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BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 25 of 30 (Start time: 02:26:36 AM, 26 December 2020)

Total Marks: 1

Melting of DNA template results in yielding _____of DNA

Select the correct option

- [x] Single strands

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

- [ ] Double strands
- [ ] Replicated strands
- [ ] All given

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 26 of 30 (Start time: 02:27:00 AM, 26 December 2020)

Total Marks: 1

Real Time PCR is used to measure the quantity of a_____

Select the correct option

- [ ] RNA expression
- [x] PCR product

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

- [ ] DNA amplification
- [ ] All given

Click to Save Answer & Move to Next Question



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VU Medical Zone

BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 27 of 30 (Start time: 02:28:07 AM, 26 December 2020)

Total Marks: 1

At what temperature does denaturation of DNA double helix takes place?

Select the correct option

- 54°C
- 74°C
- 94°C

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

- 60°C

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 28 of 30 (Start time: 02:28:29 AM, 26 December 2020)

Total Marks: 1

Binding of primers to the single stranded DNA is called _____

Select the correct option

- Initialization
- Melting
- Binding
- Annealing

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

Click to Save Answer & Move to Next Question



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BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 29 of 30 (Start time: 02:28:52 AM, 26 December 2020)

Total Marks: 1

Two sets of primers instead of one pair are uses in ----------

Select the correct option

- [x] Nested PCR

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

- [ ] Traditional PCR
- [ ] In-situ PCR
- [ ] None of the these

Click to Save Answer & Move to Next Question



sec(s)

BIO203:Grand Quiz

Quiz Start Time: 02:10 AM, 26 December 2020

Question # 30 of 30 (Start time: 02:29:26 AM, 26 December 2020)

Total Marks: 1

Denaturation is the process of _____.

Select the correct option

- [ ] Heating between 72°C
- [ ] Heating between 40 to 60°C
- [x] Heating between 90 to 98°C

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

- [ ] None of the above

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

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BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 1 of 30 (Start time: 02:44:25 AM, 26 December 2020)

Total Marks: 1

What happens during the Anneal step of PCR?

Select the correct option

- Primers are created
- The primers attach to the target DNA region
- Primers copy the new DNA strand
- Primers sequence DNA

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

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 2 of 30 (Start time: 02:45:01 AM, 26 December 2020)

Total Marks: 1

Degenerate Primers are used for the amplification of _____

Select the correct option

- Multiple genes
- Single gene
- Whole genome
- All given

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

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

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BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 3 of 30 (Start time: 02:45:42 AM, 26 December 2020)

Total Marks: 1

Inverse PCR supports the amplification and identification of _____

Select the correct option

- Flanking sequences
- Genomic inserts
- Transposable elements
- All given

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

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 4 of 30 (Start time: 02:46:55 AM, 26 December 2020)

Total Marks: 1

Two pair of enzymes are used in _____PCR

Select the correct option

- Nested

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

- Multiplex
- RT-PCR
- Conventional

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

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BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 5 of 30 (Start time: 02:47:23 AM, 26 December 2020)

Total Marks: 1

Primers used for the process of polymerase chain reaction are _____.

Select the correct option

- Single-stranded RNA oligonucleotide
- Single-stranded DNA oligonucleotide

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

- Double-stranded RNA oligonucleotide
- Double-stranded DNA oligonucleotide

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 6 of 30 (Start time: 02:48:35 AM, 26 December 2020)

Total Marks: 1

Suicide PCR is used in ----------

Select the correct option

- Cytogenetics
- Human Genetics
- Paleogenetics

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

- None of these

Click to Save Answer & Move to Next Question



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BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 7 of 30 (Start time: 02:49:03 AM, 26 December 2020) **Total Marks: 1**

At what temperature does denaturation of DNA double helix takes place?

Select the correct option

- 54°C
- 74°C
- 94°C

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

- 60°C

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 8 of 30 (Start time: 02:49:18 AM, 26 December 2020) **Total Marks: 1**

Why are vent polymerase and Pfu more efficient than the Taq polymerase?

Select the correct option

- Because of proofreading activity
- Because of more efficient polymerase activity
- Both

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

- None of the above

Click to Save Answer & Move to Next Question



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BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 9 of 30 (Start time: 02:49:37 AM, 26 December 2020) **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
- ○ Salmonella Typhi
- ◉ Thermus aquaticus

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

- ○ Actinobacillus capsulatus

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 10 of 30 (Start time: 02:49:53 AM, 26 December 2020) **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
- ○ Q-PCR
- ○ Allele-specific
- ◉ Colony PCR

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

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BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 11 of 30 (Start time: 02:50:25 AM, 26 December 2020)

Total Marks: 1

The process of reverse transcription reverse transcribes_____

Select the correct option

- [x] RNA into DNA

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

- [ ] DNA into RNA
- [ ] DNA into DNA
- [ ] All given

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 12 of 30 (Start time: 02:51:13 AM, 26 December 2020)

Total Marks: 1

In _____ is a polymerase chain reaction that actually takes place inside the cell on a slide

Select the correct option

- [x] Situ PCR (ISH)

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

- [ ] Nested PCR
- [ ] Colony
- [ ] RT-PCR

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BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 13 of 30 (Start time: 02:51:30 AM, 26 December 2020)

Total Marks: 1

--------- is used as a template to produce DNA in Reverse Transcriptase PCR.

Select the correct option

- DNA
- RNA

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

- Protein
- All of the above

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 14 of 30 (Start time: 02:51:52 AM, 26 December 2020)

Total Marks: 1

What happens in the Denature step of PCR?

Select the correct option

- The DNA nucleotides are broken apart.
- The base-pairing rules for DNA are reversed.
- The double-stranded DNA is separated into two single strands of DNA.

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

- The DNA is returned to its natural setting.

Click to Save Answer & Move to Next Question



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BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 15 of 30 (Start time: 02:52:13 AM, 26 December 2020) **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

- [x] Asymetic PCR

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

- [ ] Colony PCR
- [ ] In-situ PCR
- [ ] None of these

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 16 of 30 (Start time: 02:52:43 AM, 26 December 2020) **Total Marks: 1**

Inverse PCR is used for the identification and amplification of _____

Select the correct option

- [ ] Long genes
- [x] Flanking sequence

Answer Solved by Amaan Khan
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- [ ] Promoter region
- [ ] Whole genome

Click to Save Answer & Move to Next Question



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BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 17 of 30 (Start time: 02:53:47 AM, 26 December 2020)

Total Marks: 1

_____may occur due to hybridization of primers to each other

Select the correct option

- [x] Primer dimmers
- [ ] Primers complex
- [ ] Primers duplex
- [ ] All given

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

Click to Save Answer & Move to Next Question



sec(s)

BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 18 of 30 (Start time: 02:54:02 AM, 26 December 2020)

Total Marks: 1

_____determine the specificity of the PCR reaction

Select the correct option

- [ ] Buffer
- [ ] DNTPs
- [x] Primers
- [ ] DNA template

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

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BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 19 of 30 (Start time: 02:54:18 AM, 26 December 2020) **Total Marks: 1**

_____ refers to the study of ancient human, animal and plant remains.

Select the correct option

- Molecular Biology
- Parasitology
- Pathology
- [x] Paleontology

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

Click to Save Answer & Move to Next Question

Windows is not genuine
Click this message to learn how to get genuine.

2:54 AM
26-Dec-20

BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 20 of 30 (Start time: 02:54:52 AM, 26 December 2020) **Total Marks: 1**

_____is a variation of PCR used to preferentially amplify one strand of the original DNA more than the other.

Select the correct option

- [x] Asymmetric PCR

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

- Conventional PCR
- Arms PCR
- Q-PCR

Click to Save Answer & Move to Next Question

2:55 AM
26-Dec-20

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BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 21 of 30 (Start time: 02:55:07 AM, 26 December 2020) **Total Marks: 1**

PCR happens in 3 steps (denaturing, annealing, extending) or 1 "cycle". How many times are cycles typically repeated?

Select the correct option

- 1
- 30 **Answer Solved by Amaan Khan**
  Contact: 0305-4716616
  Email: maniamaan2@gmail.com
- 100
- Over 1 billion

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 22 of 30 (Start time: 02:55:41 AM, 26 December 2020) **Total Marks: 1**

Mini primer PCR is used to amplify conserved DNA sequences, such as the ____gene.

Select the correct option

- Jumping
- microsatellite
- 16S rRNA **Answer Solved by Amaan Khan**
  Contact: 0305-4716616
  Email: maniamaan2@gmail.com
- house keeping

Click to Save Answer & Move to Next Question



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VU Medical Zone

BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 23 of 30 (Start time: 02:56:32 AM, 26 December 2020)

Total Marks: 1

Assembly PCR is used to assemble two or more pieces of DNA into ----------

Select the correct option

- [x] One piece

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

- [ ] Two pieces
- [ ] Three pieces
- [ ] None of these

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 24 of 30 (Start time: 02:56:47 AM, 26 December 2020)

Total Marks: 1

AFLP is a highly sensitive PCR-based method for detecting _____in DNA

Select the correct option

- [x] Polymorphisms

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

- [ ] Deletion
- [ ] Insertion
- [ ] Duplication

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 25 of 30 (Start time: 02:57:01 AM, 26 December 2020)

Total Marks: 1

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

Select the correct option

- Methylene blue dye
- Sybr green dye

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

- Ethidium bromide dye
- None of these

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 26 of 30 (Start time: 02:57:42 AM, 26 December 2020)

Total Marks: 1

---------- PCR uses primers whose 3' ends encompass the SNP.

Select the correct option

- Reverse Transcriptase PCR
- Assembly PCR
- Ligation mediated PCR
- Allele Specific PCR

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

BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 27 of 30 (Start time: 02:58:05 AM, 26 December 2020)

Total Marks: 1

What are the base-pairing rules in DNA?

Select the correct option

- A-C, G-T
- A-U, G-C
- A-T, G-C

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

- A-C, G-U

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 28 of 30 (Start time: 02:58:24 AM, 26 December 2020)

Total Marks: 1

_____tools have also allowed to perform prenatal genetic diagnosis

Select the correct option

- Molecular

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

- Microbiology
- Histology
- Radiology

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN

VU Medical Zone

BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 29 of 30 (Start time: 02:58:38 AM, 26 December 2020)

Total Marks: 1

_____ can be also used for genotyping individuals for a large number of loci

Select the correct option

- RFLP
- AFLP

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

- Insitu PCR
- All given

Click to Save Answer & Move to Next Question



BIO203:Grand Quiz

Quiz Start Time: 02:44 AM, 26 December 2020

Question # 30 of 30 (Start time: 02:59:06 AM, 26 December 2020)

Total Marks: 1

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

Select the correct option

- In situ

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

- RT-PCT
- Nested PCT
- Colony PCR

Click to Save Answer & Move to Next Question



EFFORT BY AMAAN KHAN