

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

In the Name of Allāh, the Most Gracious, the Most Merciful

ZOO-101 QUIZ-01 & QUIZ-02

Correct: Solved by M.Faryad-0333-4590795

FINAL TERM EXAMINATION

Question # 6 of 6 (Start time: 08:21:28 PM, 22 January 2021)

Total Marks

Detection of DNA in Agarose gel is done by which methods?

Select the correct option

Ethidium bromide**SyBR Gold****Gel electrophoresis****Both a & b**

Correct:Solved by M.Faryad-0333-4590795

11:35

36.0 KB/S 4G 66



quiz.vu.edu.pk/QuizQue

63



BC200410913: AQSA AKHTAR

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 11:31 AM, 22 January 2021

Question # 3 of 6 (Start time: 11:35:32 AM, 22 January 2021)

Total Marks: 1

Sample is loaded into the slots of submerged gel using

Select the correct option

Pipette

Dropper

Syringe

Automatic micropipette

Correct: Solved by M.Faryad-0333-4590795

Click to Save Answer & Move to Next Question

11:24 4G

56



quiz.vu.edu.pk/QuizQue

27



BC200410839: HANFA BIBI

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 11:21 AM, 22 January 2021

Question # 3 of 6 (Start time: 11:24:55 AM, 22 January 2021)

Total Marks: 1

Use of sample-staining methods for use in microbiology, such as

Select the correct option

Methylene blue

Safranin

Crystal violet

All of above

Correct: Solved by M.Faryad-0333-4590795

Click to Save Answer & Move to Next Question

Question # 6 of 6 (Start Time: 10:32:10 AM, 22 January 2021)

Images of ethidium bromide stained gels by integrated systems containing?

Select the correct option



Thermal printers



Fixed focus digital cameras



Light sources



All of the above

Correct: Solved by M. Farvad-0333-4590795

11:23 4G

56



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27



BC200410839: HANFA BIBI

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 11:21 AM, 22 January 2021

Question # 2 of 6 (Start time: 11:23:23 AM, 22 January 2021)

Total Marks: 1

Most commercially available devices (transilluminators) emit UV light at wavelength

Select the correct option

200nm

202nm

300nm

302nm

Correct:Solved by M.Faryad-0333-4590795

Click to Save Answer & Move to Next Question

Question # 2 of 6 (Start time: 08:17:39 PM, 22 January 2021)

Total Mark

In SYBR Gold method, greatest sensitivity of UV radiations at?

Select the correct option

- 200nm
- 300nm
- 100nm
- 300nm
- Correct**: Solved by M.Faryad-0333-4590795

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

BC200412397: MUHAMMAD SARFRAZ NAWAZ

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 12:27 PM, 22 January 2021

Question # 4 of 6 (Start time: 12:32:38 PM, 22 January 2021)

Total Marks: 1

Vibratome produces slices of thickness?

Select the correct option

- 20-30 micrometres
 - 30-40 micrometres
 - 35-45 micrometres
 - 30-50 micrometres
- Correct**:Solved by M.Faryad-0333-4590795



Quiz

https://quiz.vu.edu.pk



BC200413531: ASAMIA MUBEEN

Time Left 8

ZOO101:Quiz No 1

Quiz Start Time: 06:13 PM, 22 January 2021

Question # 3 of 6 (Start time: 06:15:48 PM, 22 January 2021)

Total Marks: 1

To obtain maximum resolution of DNA fragments the speed of Agarose gel should be at

Select the correct option



2-4 V/cm



4-8 V/cm



3-8 V/cm



5-8 V/cm

Correct: Solved by M.Faryad-0333-4590795

11:32

56.0 KB/S 4G 66



quiz.vu.edu.pk/QuizQue

63



BC200410913: AQSA AKHTAR

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 11:31 AM, 22 January 2021

Question # 1 of 6 (Start time: 11:31:58 AM, 22 January 2021)

Total Marks: 1

To form wells, position of the comb is kept above the plate at about?

Select the correct option

0.2-0.5mm

0.2-1.0mm

0.3-0.5mm

0.5-1.0mm

Correct:Solved by M.Faryad-0333-4590795

Click to Save Answer & Move to Next Question



quiz.vu.edu.pk/QuizQue:

2



BC200411024, ZABIR HATEKHAN

Time Left: 88
min(s)

200191 Quiz No 1

Quiz Start Time: 05:54 PM, 22 January 2021

Question # 4 of 8 (Start time: 05:58:13 PM, 22 January 2021)

Total Marks: 1

_____ are classical knives shape with concavity on both sides.

Select the correct option

Biconcave Knives



Wedge shaped knives



Chisel shaped knives



All of the above



Correct. Solved by M.Faryad-0333-4590795

11:37

33.0 KB/S 4G 65



quiz.vu.edu.pk/QuizQue

63



BC200410913: AQSA AKHTAR

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 11:31 AM, 22 January 2021

Question # 4 of 6 (Start time: 11:37:03 AM, 22 January 2021)

Total Marks: 1

SYBR Gold method can detect ds DNA in Agarose gel up to

Select the correct option

10pg

20pg

>20pg

<20pg

Correct: Solved by M.Faryad-0333-4590795

Click to Save Answer & Move to Next Question



Quiz

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BC200410966: AISHA PERVEEN

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 07:16 PM, 22 January 2021

Question # 6 of 6 (Start time: 07:22:57 PM, 22 January 2021)

Total Marks: 1

Which of the following method is contact-free and enable to cut tissue in its native state.

Select the correct option

- Rotary rocking microtome
 - Saw microtome
 - Sliding microtome
 - Laser microtome
- Correct:** Solved by M.Faryad-0333-4590795

10:47 4G

65



quiz.vu.edu.pk/QuizQue

27



BC200411215: IQRA RASHEED

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 10:45 AM, 22 January 2021

Question # 2 of 6 (Start time: 10:47:08 AM, 22 January 2021)

Total Marks: 1

Which method is more convenient and commonly used for detection of DNA in Agarose gel?

Select the correct option



Staining



SYBR Gold



Gel electrophoresis



Ethidium bromide

Correct: Solved by M.Faryad-0333-4590795

Click to Save Answer & Move to Next Question

Question # 5 of 6 (Start time: 10:31:05 AM, 22 January 2021)

Which one moves block holder either towards or away from knife is called?

Select the correct option



Handwheel



Microtome



Microscope



Coarse handwheel

Correct. Solved by M.Faryad-0333-4590795

Question # 2 of 6 (Start time: 10:27:46 AM, 22 January 2021)

Gel-sealing tape is also known as

Select the correct option

- | | |
|-----------------------|--------------|
| <input type="radio"/> | Gel tape |
| <input type="radio"/> | Time tape |
| <input type="radio"/> | UWR lab tape |
| <input type="radio"/> | Both b & c |



Quiz

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BC200412397: MUHAMMAD SARFRAZ NAWAZ

Time Left

Z00101:Quiz No 1

Quiz Start Time: 12:27 PM, 22 January 2021

Question # 2 of 6 (Start time: 12:29:57 PM, 22 January 2021)

Total Marks: 1

Ethidium bromide is used to detect which type of nucleic acids?

Select the correct option



Single stranded



Double stranded



Both DNA & RNA



All of the above

Correct: Solved by M.Faryad-0333-4590795

Question # 2 of 6 (Start time: 06:41:49 PM, 22 January 2021)

Total Marks: 1

Which one moves block holder either towards the knife or away from knife is called?

Select the correct option

- | | |
|-----------------------|------------------|
| <input type="radio"/> | Handwheel |
| <input type="radio"/> | Microtome |
| <input type="radio"/> | Microscope |
| <input type="radio"/> | Coarse handwheel |
- Correct**:Solved by M.Faryad-0333-4590795

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

Question # 5 of 6 (Start time: 08:34:27 PM, 22 January 2021)

Thick sections are compatible and sometimes even desirable if using confocal microscope by

Select the correct option

- B stack pictures
- A stack pictures
- Z stack pictures
- Both a & c

Correct. Solved by M.Faryad-0333-4590795

10:04 

 4G 1.8 K/s 



Quiz
quiz.vu.edu.pk



BC200411182: MISHAL RUBAB

Time Left 87 
min(s)

ZOO101: Quiz No 1

Quiz Start Time: 10:04 AM, 22 January 2021

Question # 1 of 6 (Start time: 10:04:20 AM, 22 January 2021)

Total Marks: 1

The instrument that used to cut the thin slices of material is called

Select the correct option

- | | |
|----------------------------------|--|
| <input type="radio"/> | Microwave |
| <input type="radio"/> | Microtome |
| <input type="radio"/> | Vibratome |
| <input checked="" type="radio"/> | Correct : Solved by M.Faryad-0333-4590795 |
| <input type="radio"/> | Microscope |

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

11:33

33.0 KB/S 4G 66



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63



BC200410913: AQSA AKHTAR

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 11:31 AM, 22 January 2021

Question # 2 of 6 (Start time: 11:33:35 AM, 22 January 2021)

Total Marks: 1

The Instrument that used to cut the extremely thin sections (40nm to 500nm) is called

Select the correct option

Electric charge

Microscope

Ultra-microtome

Correct: Solved by M.Faryad-0333-4590795

Staining

Click to Save Answer & Move to Next Question

10:17



4G 8.9 K/s 80



Quiz
quiz.vu.edu.pk



BC200415195: AIZA ALI

Time Left 89 sec(s)

Z00101: Quiz No 1

Quiz Start Time: 10:15 AM, 22 January 2021

Question # 3 of 6 (Start time: 10:17:16 AM, 22 January 2021)

Total Marks: 1

Normal shape of specimen holder is

Select the correct option

- Wrinkle
- Simple round
- Round metal
- Correct**: Solved by M.Faryad-0333-4590795
- Oval

Click on 'Quiz' / Answer & Move to Next Question

Question # 1 of 6 (Start Time: 10:26:27 AM, 22 January 2021)

Wheel action is translated into back & f
which one?

Select the correct option



Staining



Ultramicrotome



Rotary Microtome

Correct: Solved by M.Faryad-0333-4590795



Cryostat

10:52 4G

64



quiz.vu.edu.pk/QuizQue

27



BC200411215: IQRA RASHEED

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 10:45 AM, 22 January 2021

Question # 6 of 6 (Start time: 10:52:35 AM, 22 January 2021)

Total Marks: 1

Wheel action is translated into back & forth movement in which one?

Select the correct option



Staining



Ultramicrotome



Rotary Microtome



Cryostat

Correct Solved by M.Faryad-0333-4590795

Click to Save Answer & Move to Next Question

Cryostat can be cleaned through

Select the correct option

Water

Alcohol

Kim wipes

Correct:Solved by M.Faryad-0333-4590795

Frozen ice

The buffers Tris-acetate and EDTA are also called

Select the correct option

B buffer

T buffer

E buffer

Correct: Solved by M.Faryad-0333-4590795

TPE buffer

Click to Save Answer & Move to Next Question



Which knife is invented by Humberto?

Select the correct option

Vibratome

Steel knife

Diamond knife

Correct:Solved by M.Faryad-0333-4590795

All of the above

In which of the following microtome, tissue requires little preparation.

Select the correct option

- Rotary rocking microtome
- Saw microtome
- Cryostat microtome
- Correct**: Solved by M.Faryad-0333-4590795
- Sliding microtome

BC200411024: ZARISH WTEKHAR

Time Left: 86 (secs)

200181-Quiz No 1

Quiz Start Time: 05:56 PM, 22 January 2021

Question # 5 of 6 (Start time: 06:00:39 PM, 22 January 2021)

Total Marks: 1

In which year, Schwartz and Cantor developed pulsed-field gel?

Select the correct option

1948

1849

1984

1989

Correct: Solved by M.Faryad-0333-4590795

11:25 4G

56



quiz.vu.edu.pk/QuizQue

27



BC200410839: HANFA BIBI

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 11:21 AM, 22 January 2021

Question # 4 of 6 (Start time: 11:25:55 AM, 22 January 2021)

Total Marks: 1

During sectioning within the cryostat tissues should be placed for almost

Select the correct option

15 min

30 min

30_60 mints
Correct.Solved by M.Faryad-0333-4590795

30 _ 50 mints

Click to Save Answer & Move to Next Question

The rate of migration of linear DNA-dye complex through gels is retarded by a factor of?

Select the correct option

5%

10%

15%

Correct:Solved by M.Faryad-0333-4590795

25%

Start Quiz



SC000411004 ZAMRAN BIKRIYAH

Time Left 04:00

200101 Quiz No 1

Quiz Start Time: 06:58 PM, 22 January 2021

Question # 1 of 8 (Start time: 06:58:59 PM, 22 January 2021)

Total Marks: 1

In gel electrophoresis procedure which type of buffers are used?

Select the correct option

0.5× TAE

1× TBE

1×TAE or 0.5×TBE

Correct: Solved by M.Faryad-0333-4590795

Both a & b

6:31

4G 4.5 K/s 84



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14



BC200413852: HAFIZA OMTAULLAH

Time Left 87 sec(s)

ZOO101: Quiz No 1

Quiz Start Time: 06:26 PM, 22 January 2021

Question # 5 of 6 (Start time: 06:31:37 PM, 22 January 2021)

Total Marks: 1

Which things may lead to the antigen instability?

Select the correct option

High temperature

Harsh chemicals

High pressure

Correct: Solved by M.Faryad-0333-4590795

Both a & b

Click to Save Answer & Move to Next Question



Electrophoresis apparatus is fitted with which thing?

Select the correct option

- Glass
- DNA
- Gel
- Comb

Correct: Solved by M.Faryad-0333-4590795

Question # 3 of 6 (Start Time: 10:28:32 AM, 22 January 2021)

The instrument that is used for frozen n

Select the correct option



Cryomicrotome



Cont



Cryostat

Correct: Solved by M.Faryad-0333-4590795



Vibratome

10:06 

 4G 18.7 K/s 



Quiz
quiz.vu.edu.pk



BC200411182: MISHAL RUBAB

Time Left 87 min(s)

ZOO101: Quiz No 1

Quiz Start Time: 10:04 AM, 22 January 2021

Question # 2 of 6 (Start time: 10:05:57 AM, 22 January 2021)

Total Marks: 1

Which type of buffers are slightly more expensive than TAE?

Select the correct option

- | | |
|----------------------------------|--|
| <input type="radio"/> | TBE |
| <input type="radio"/> | TPE |
| <input type="radio"/> | Both a & b |
| <input checked="" type="radio"/> | Correct : Solved by M.Faryad-0333-4590795 |
| <input type="radio"/> | None |

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

Question # 4 of 6 (Start time: 10:29:53 AM, 22 January 2021)

A cryostat is a microtome machine for low temperatures usually around _____

Select the correct option

10 to 20 degree c

-10 to -20 degree c

-15 to -30 degree c

Correct Solved by M. Faryad-0333-4590795

-04 to -20 degree c

10:49 4G

65



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27



BC200411215: IQRA RASHEED

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 10:45 AM, 22 January 2021

Question # 3 of 6 (Start time: 10:48:53 AM, 22 January 2021)

Total Marks: 1

Which instrument is used to cut thin slices of material?

Select the correct option

Microtome

Vibratome

Blade

All of the above

Correct: Solved by M.Faryad-0333-4590795

Click to Save Answer & Move to Next Question



Quiz

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BC200412397: MUHAMMAD SARFRAZ NAWAZ

Time Left

Z00101:Quiz No 1

Quiz Start Time: 12:27 PM, 22 January 2021

Question # 1 of 6 (Start time: 12:27:25 PM, 22 January 2021)

Total Marks: 1

During Gel staining bands of double stranded DNA can be detected by

Select the correct option



Infrared radiations



UV radiations

Correct: Solved by M.Faryad-0333-4590795



X-ray radiations



None of the above



In gel casting mold, mold is formed by sealed the edges of glass plate by using

Select the correct option

- Gum
- Tape **Correct**: Solved by M.Faryad-0333-4590795
- Gel
- None

10:09 

 4G  13.4 K/s 



Quiz
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BC200411182: MISHAL RUBAB

Time Left 88
min(s)

ZOO101: Quiz No 1

Quiz Start Time: 10:04 AM, 22 January 2021

Question # 4 of 6 (Start time: 10:09:19 AM, 22 January 2021)

Total Marks: 1

Which of the following microtome is especially used for hard materials such as teeth or bones?

Select the correct option

- Rotary rocking microtome
- Saw microtome
- Correct:** Solved by M.Faryad-0333-4590795
- Vibrating microtome
- Sliding microtome

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

Question # 6 of 6 (Start time: 11:49:34 PM, 22 January 2021)

Total Marks: 1

When electrical voltage is applied, the DNA migrate to which direction?

Select the correct option

Positive cathode

Positive anode

Correct:Solved by M.Faryad-0333-4590795

Negative cathode

Negative anode

Click to Save Answer & Move to Next Question

10:50 4G

65



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BC200411215: IQRA RASHEED

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 10:45 AM, 22 January 2021

Question # 4 of 6 (Start time: 10:50:11 AM, 22 January 2021)

Total Marks: 1

The rate of migration of double stranded DNA molecules through gel matrices to the \log_{10} of number of base pairs is?

Select the correct option

Directly proportional



Inversely proportional



Correct:Solved by M.Faryad-0333-4590795

Equal



Either directly or inversely



Click to Save Answer & Move to Next Question

Cryomicrotome is used for cutting

Select the correct option

Cryostat

Frozen tissues

Correct: Solved by M.Faryad-0333-4590795

Cont

Microscope



BC200412082: NAZIA ZAFAR

Time Left 8

ZOO101:Quiz No 1

Quiz Start Time: 11:10 AM, 22 January 2021

Question # 6 of 6 (Start time: 11:13:48 AM, 22 January 2021)

Total Marks: 1

Term "Microtome "was coined in 1839 by

Select the correct option

W. Khune

Chevalier

Correct:Solved by M.Faryad-0333-4590795

Stanley

Williamson



Nucleic acids separated through gel electrophoresis may be visualized by illumination with?

Select the correct option

100nm UV light

300nm UV light

Correct:Solved by M.Faryad-0333-4590795

200nm IR light

300nm far-red light



The temperature inside the cryostat is about

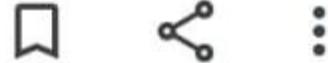
Select the correct option

- 15_20
- 20 _ 30
Correct:Solved by M.Faryad-0333-4590795
- 15_ 50
- Only 15

10:07  

 4G 16.0 K/s 

  Quiz
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BC200411182: MISHAL RUBAB

Time Left 87 
min(s)

ZOO101: Quiz No 1

Quiz Start Time: 10:04 AM, 22 January 2021

Question # 3 of 6 (Start time: 10:07:24 AM, 22 January 2021)

Total Marks: 1

By staining DNA with SYBR Gold, increase in sensitivity of conventional photography can be obtained by?

Select the correct option

- 10 folds
- 10-20 folds
Correct: Solved by M.Faryad-0333-4590795
- 20-30 folds
- 30-50 folds

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

10:51 4G

64



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27



BC200411215: IQRA RASHEED

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 10:45 AM, 22 January 2021

Question # 5 of 6 (Start time: 10:51:39 AM, 22 January 2021)

Total Marks: 1

Polyacrylamide gels are most effective for separating small fragments of DNA of size

Select the correct option

2-200bp

5-500bp

Correct. Solved by M.Faryad-0333-4590795

3-500bp

5-1000bp

Click to Save Answer & Move to Next Question

 Quiz**Question # 6 of 6 (Start time: 06:52:17 PM, 22 January 2021)**

Depending on the number of lenses, types of microscope are

Select the correct option

- | | |
|-----------------------|---|
| <input type="radio"/> | 1 |
| <input type="radio"/> | 2
<u>Correct</u> :Solved by M.Faryad-0333-4590795 |
| <input type="radio"/> | 3 |
| <input type="radio"/> | 4 |

Question # 2 of 6 (Start time: 08:31:35 PM, 22 January 2021)

At saturation, approximately one ethidium bromide molecule intercalates how many base pairs?

Select the correct option



1.5bp



2.5bp

Correct Solved by M.Faryad-0333-4590795



3.0bp



3.5bp



BC200411189: KHADIJA MUSHTAQ

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 06:40 PM, 22 January 2021

Question # 5 of 6 (Start time: 06:44:51 PM, 22 January 2021)

Total Marks: 1

Bromophenol blue migrating through the gel toward the anode changes in color between

Select the correct option



Bluish-green to yellow



Bluish-purple to yellow

Correct: Solved by M.Faryad-0333-4590795



Reddish-green to yellow



Purple-yellow to orange

Click to Save Answer & Move to Next Question

10:11 

 4G  478 B/s 



Quiz
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BC200411182: MISHAL RUBAB

Time Left 86 sec(s)

ZOO101: Quiz No 1

Quiz Start Time: 10:04 AM, 22 January 2021

Question # 6 of 6 (Start time: 10:11:50 AM, 22 January 2021)

Total Marks: 1

The process used to separate, identify and purify DNA fragments is called

Select the correct option

- Staining
- Electrophoresis
Correct: Solved by M.Faryad-0333-4590795
- Distillation
- Fragmentation

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



Quiz

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BC200412397: MUHAMMAD SARFRAZ NAWAZ

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 12:27 PM, 22 January 2021

Question # 5 of 6 (Start time: 12:34:08 PM, 22 January 2021)

Total Marks: 1

After cooling of gel at room temperature, which thing is poured on the top of the gel?

Select the correct option



Distilled water



Electrophoresis buffer

Correct: Solved by M.Faryad-0333-4590795



Agarose powder



Alcohol

11:28 4G

55



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BC200410839: HANFA BIBI

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 11:21 AM, 22 January 2021

Question # 6 of 6 (Start time: 11:28:41 AM, 22 January 2021)

Total Marks: 1

The rate of migration of ds linear DNA fragments is how much faster through TAE than TBE or TPE?

Select the correct option

5%

10%

Correct:Solved by M.Faryad-0333-4590795

15%

20%

Click to Save Answer & Move to Next Question

Question # 6 of 6 (Start time: 08:36:25 PM, 22 January 2021)

Who is the father of microtomy?

Select the correct option

- Wilhelm His **Correct**:Solved by M.Faryad-0333-4590795
- Ada lovelace
- Pythagoras
- None

10:45 4G

66



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27



BC200411215: IQRA RASHEED

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 10:45 AM, 22 January 2021

Question # 1 of 6 (Start time: 10:45:41 AM, 22 January 2021)

Total Marks: 1

The electrophoresis in which buffer yields better resolution of DNA fragments in highly complex mixtures?

Select the correct option



TAE

Correct: Solved by M.Faryad-0333-4590795



TBE



TPE



All of the above

Click to Save Answer & Move to Next Question



The resolution of which DNA is better in TAE than in TBE

Select the correct option

Supercoiled

Correct: Solved by M.Faryad-0333-4590795

Helical

Linear

Single stranded

11:39

31.0 KB/S 4G 65



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BC200410913: AQSA AKHTAR

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 11:31 AM, 22 January 2021

Question # 6 of 6 (Start time: 11:39:24 AM, 22 January 2021)

Total Marks: 1

Which microtome fits the cryostats?

Select the correct option



Steel knives

Correct: Solved by M.Faryad-0333-4590795



Glass knives



Diamond knives



All of the above

Click to Save Answer & Move to Next Question

6:47

4G

Quiz



ZOO101:Quiz No 1

Question # 2 of 6 (**Start time: 06:47:52 PM, 22 January 2021**)

The effect of absence of ions on the migration of DNA is

Select the correct option

<input type="radio"/>	Slow
<input type="radio"/>	Fast
<input type="radio"/>	Remains constant
<input type="radio"/>	None of the above

Correct: Solved by M. Faryad-0333-4590795

6:48 

  4G 

BC200412467: IQRA JAMEEL

Z00101:Quiz No 1

Question # 3 of 6 (**Start time: 06:48:38 PM, 22 January 2021**)

The sections used in Vibratome are called

Select the correct option

<input type="radio"/>	Floating sections Correct :Solved by M.Faryad-0333-4590795
<input type="radio"/>	Submerged sections
<input type="radio"/>	Dry sections
<input type="radio"/>	Aqueous sections

Click to Save Answer & Move to Next Question

Correct:Solved by M.Faryad-0333-4590795



4G 49.5 K/s 19 11:44



Quiz
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BC200413061: AYESHA ZULIFQAR

Time Left 90 sec(s)

ZOO101:Quiz No 1

Quiz Start Time: 11:44 PM, 22 January 2021

Question # 1 of 6 (Start time: 11:44:43 PM, 22 January 2021)

Total Marks: 1

The rate of migration of form I DNA than form III DNA under some conditions is

Select the correct option



Faster

Correct:Solved by M.Faryad
-0333-4590795



Slower



Zero



Neither fast nor slow

Click to Save Answer & Move to Next Question

11:20 4G

57



quiz.vu.edu.pk/QuizQue

27



BC200410839: HANFA BIBI

Time Left 8

Z00101:Quiz No 1

Quiz Start Time: 11:21 AM, 22 January 2021

Question # 1 of 6 (Start time: 11:21:48 AM, 22 January 2021)

Total Marks: 1

SYBR Gold method has high affinity for?

Select the correct option



DNA

Correct: Solved by M.Faryad-03334590795



RNA



Both DNA & RNA



Proteins

Click to Save Answer & Move to Next Question



BC200411189: KHADIJA MUSHTAQ

Time Left

Z00101:Quiz No 1

Quiz Start Time: 06:40 PM, 22 January 2021

Question # 6 of 6 (Start time: 06:45:28 PM, 22 January 2021)

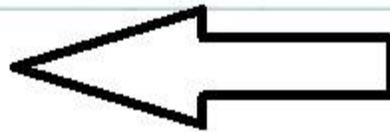
Total Marks: 1

In SYBR Gold method, the fluorescence enhancement is greater than equivalent ethidium bromide complex?

Select the correct option



1000 times



100 times



10 times



10,000 times

Click to Save Answer & Move to Next Question



BC200412082: NAZIA ZAFAR

Time Left

ZOO101:Quiz No 1

Quiz Start Time: 11:10 AM, 22 January 2021

Question # 4 of 6 (Start time: 11:12:21 AM, 22 January 2021)

Total Marks: 1

UV radiations absorbed by the DNA at wavelength of

Select the correct option

254nm



250nm

354nm

200nm



Media





Quiz

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BC200411181: SHANZA RANDAWA

Time Left 8

ZOO101:Quiz No 1

Quiz Start Time: 12:08 AM, 23 January 2021

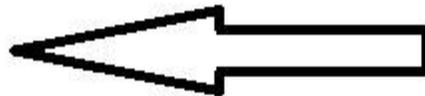
Question # 1 of 6 (Start time: 12:08:37 AM, 23 January 2021)

Total Marks: 1

The pH of Trisphosphate (TPE) buffer at a concentration of 50Mm is

Select the correct option

7.5-7.8



5.7-7.8

8.7-8.9

7.2-7.5

10:10 

 4G 13.0 K/s 



Quiz
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BC200411182: MISHAL RUBAB

Time Left 88 sec(s)

ZOO101: Quiz No 1

Quiz Start Time: 10:04 AM, 22 January 2021

Question # 5 of 6 (Start time: 10:10:27 AM, 22 January 2021)

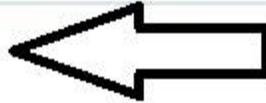
Total Marks: 1

Thickness range of micron setting for section is

Select the correct option



1_60 microns



1_16 microns



1_20 microns



1_100 microns

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



Question # 1 of 5 (Start time: 03:28:00 PM, 14 February 2021)

Oligonucleotide probes are mostly short single- stranded

Select the correct option

- DNA fragments
- RNA fragments





A northern blot is a laboratory method used to detect specific

Select the correct option

- DNA molecules
- RNA molecules
- Proteins
- DNA and RNA





Result of collection of samples may be affected by

Select the correct option

- Handling
- labeling
- Processing
- ALL





The RNA molecules are separated according to their size using a method called

Select the correct option

northern blotting

hybridization

Gel electrophoresis

molecular hybridization



12:06

4G 14.5 K/s 76



Quiz
quiz.vu.edu.pk



BC200415645: TUBA MUMTAZ

Time Left 88 sec(s)

Z00101: Quiz 2

Quiz Start Time: 12:05 PM, 14 February 2021

Question # 2 of 5 (Start time: 12:06:01 PM, 14 February 2021)

Total Marks: 1

A hybridization probe is a fragment of DNA or RNA of variable length usually

Select the correct option

100–10000 bases long



100–1000 base long

1000–10000 base long

10-1000 base long

Click on 'Quiz' Answer & Move to Next Question



Question # 3 of 5 (Start time: 03:49:10 PM, 14 February 2021)

Hybridization which detects target DNA fragments that have been size-fractionated by gel electrophoresis is

Select the correct option

- Northern blotting
- Southern blotting
- Western blotting
- All of above

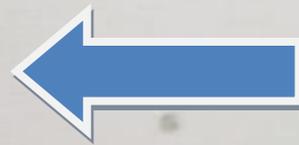


Question # 4 of 5 (Start time: 03:51:12 PM, 14 February 2021)

Radioactive labeled known sequence of DNA is called?

Select the correct option

- | | |
|-----------------------|--------------|
| <input type="radio"/> | Primer |
| <input type="radio"/> | Probe |
| <input type="radio"/> | Nucleic acid |
| <input type="radio"/> | SSB protein |





Most air sampling technologies depend on the aerodynamicof the airborne particles

Select the correct option



Length



Diameter



Width



volume



Z00101:Quiz 2

Question # 4 of 5 (Start time: 03:29:24 PM, 14 February 2021)

The simplest way of collecting airborne biological particles is

Select the correct option

- Passive traps
- active traps





Question # 5 of 5 (Start time: 03:50:00 PM, 14 February 2021)

Purest form of probability sampling is

Select the correct option

- Systematic Sampling
- Stratified Sampling
- Cluster Sampling
- Random sampling





Nylon has a binding capacity of about _____ug/cm

Select the correct option

- 500
- 50
- 10
- 20



BEST OF LUCK

VU ZOOLOGISTS-2020