



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

Click to view answer for previous questions

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



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 # 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: 1

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

Select the correct option



**200nm**



**300nm**



**100nm**



**300mm**

**Correct**:Solved by M.Faryad-0333-4590795

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



## Quiz

quiz.vu.edu.pk



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

Click to Save Answer & Move to Next Question





## Quiz

<https://quiz.vu.edu.pk>



BC200413531: ASAMIA MUBEEN

Time Left 8

Z00101: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

Click to Save Answer & Move to Next Question

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

200191 Quiz No 1

Time Left: 88 sec(s)

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

Question # 4 of 5 (Start time: 06:58:13 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

quiz.vu.edu.pk



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

Click to Save Answer & Move to Next Question

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



Gel tape



Time tape



UVR lab tape



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



Handwheel



Microtome



Microscope



Coarse handwheel

**Correct**:Solved by M.Faryad-0333-4590795

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

 <https://quiz.vu.edu.pk/QuizQl>

3



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

**Correct**. Solved by M.Faryad-0333-4590795

☐ Both a & c

10:04



4G 1.8 K/s



Quiz  
quiz.vu.edu.pk



BC200411182: MISHAL RUBAB

Time Left 87 sec(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



Microwave



Microtome



Vibratome

**Correct**: Solved by M.Faryad-0333-4590795



Microscope

Click to Save Answer & Move to Next Question

11:33

33.0 KB/S 4G 66



quiz.vu.edu.pk/QuizQue

63



BC200410913: AQSA AKHTAR

Time Left 8

ZOO101: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  
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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 to Show Answer & Move to Next Question

Question # 1 of 6 ( Start Time: 10:26:21 AM, 22 January 2021 )

Wheel action is translated into back & forth 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**

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

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



BC200413023: GULNAZ IRSHAD

Time Left

ZOO101:Quiz No 1

Quiz Start Time: 07:06 PM, 22 January 2021

Question # 2 of 6 ( Start time: 07:07:54 PM, 22 January 2021 )

Total Marks: 1

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

10:16



4G 14.4 K/s 81



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 # 2 of 6 ( Start time: 10:16:25 AM, 22 January 2021 )

Total Marks: 1

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

Select the correct option



Rotary rocking microtome



Saw microtome



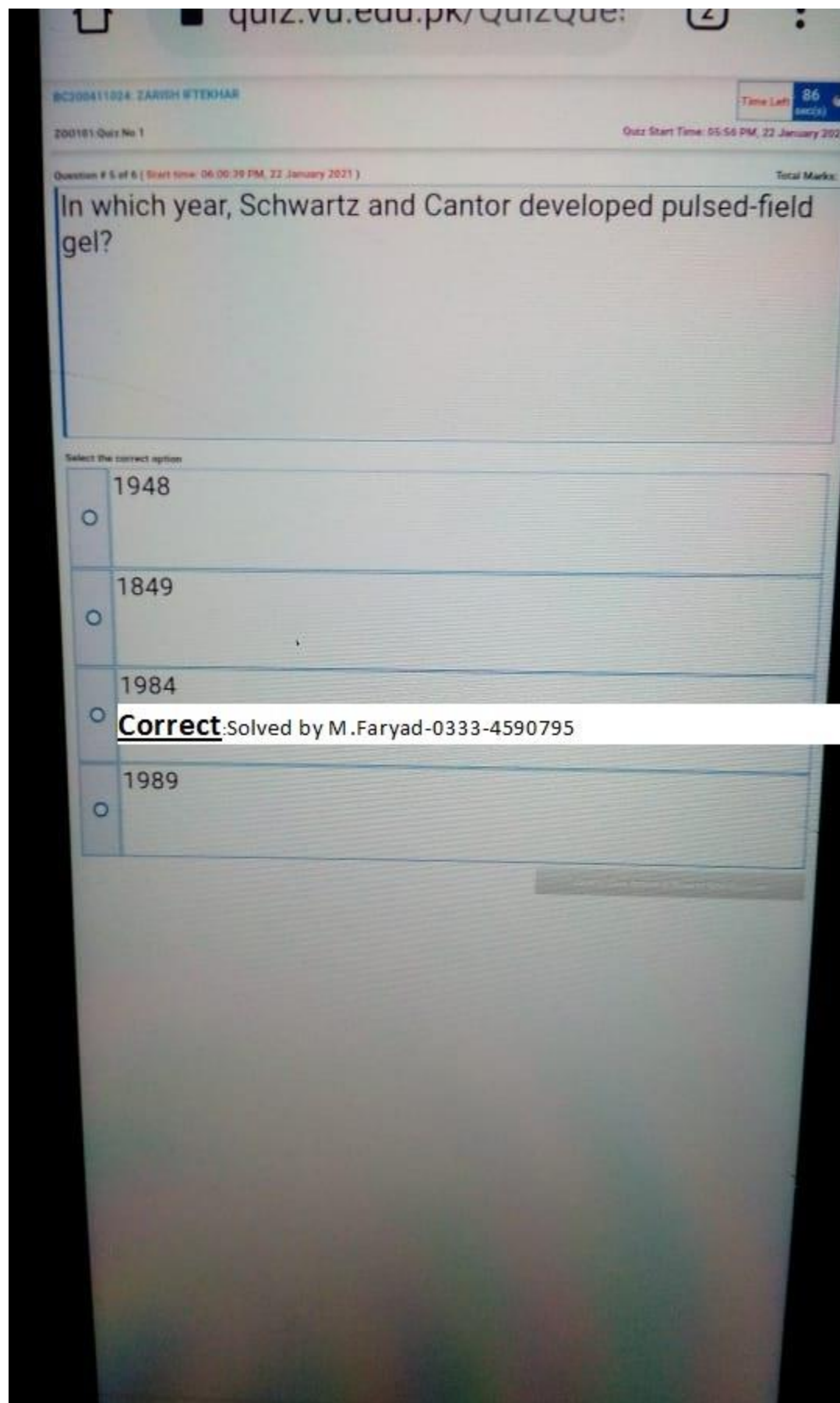
Cryostat microtome

**Correct**: Solved by M.Faryad-0333-4590795



Sliding microtome

Click to Show Answer & Move to Next Question



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%

[Click to Show Answer Or Move to Next Question](#)

## Start Quiz

SC00004110004: JAMSHEDPUR

200101 Quiz No: 1

Time Left: 05:58 PM, 22 January 2021

Question # 1 of 6 ( Start time: 05:58:59 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



quiz.vu.edu.pk/QuizQu

14



BC200413852: HAFIZA OMTAULLAH

Time Left 87 sec(s)

Z00101: 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

10:19



4G 318 B/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 # 5 of 6 ( Start time: 10:19:23 AM, 22 January 2021 )

Total Marks: 1

Electrophoresis apparatus is fitted with which thing?

Select the correct option



Glass



DNA



Gel



Comb

**Correct**: Solved by M.Faryad-0333-4590795

Click to Show Answer & Move to Next Question

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 sec(s)

Z00101: 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



TBE



TPE



Both a & b



None

**Correct**: Solved by M.Faryad-0333-4590795

Click to Show 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 c  
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



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 # 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

8

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

10:20



4G 118 B/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 # 6 of 6 ( Start time: 10:20:10 AM, 22 January 2021 )

Total Marks: 1

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

Click to Show Answer & Move to Next Question



10:09



4G 13.4 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 # 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 & Move 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



quiz.vu.edu.pk/QuizQue

27



BC200411215: IQRA RASHEED

Time Left 8

ZOO101: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
- ☐ Equal
- ☐ Either directly or inversely

**Correct**:Solved by M.Faryad-0333-4590795

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



# 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 # 6 of 6 ( Start time: 12:11:47 AM, 23 January 2021 )

Total Marks: 1

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

10:15



4G 46.6 K/s 81



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 # 1 of 6 ( Start time: 10:15:22 AM, 22 January 2021 )

Total Marks: 1

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

Click to Show Answer & Move to Next Question

10:07

4G 16.0 K/s



Quiz  
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BC200411182: MISHAL RUBAB

Time Left 87 sec(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 & Move to Next Question



10:51 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 # 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

6:52

4G



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

Click to Save Answer & Move to Next Question



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



quiz.vu.edu.pk/QuizQuestion

5



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  
quiz.vu.edu.pk



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

quiz.vu.edu.pk



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



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 # 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



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 # 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



BC200413023: GULNAZ IRSHAD

Time Left

ZOO101: Quiz No 1

Quiz Start Time: 07:06 PM, 22 January 2021

Question # 5 of 6 ( Start time: 07:10:24 PM, 22 January 2021 )

Total Marks: 1

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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63



BC200410913: AQSA AKHTAR

Time Left 8

ZOO101: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



BC200412467: IQRA JAMEEL

ZOO101: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 <b><u>Correct</u></b> :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



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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 # 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 8

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 )

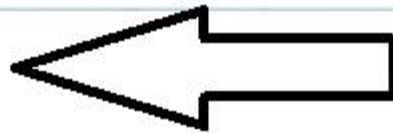
Total Marks: 1

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



Click to Save Answer



# 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 )

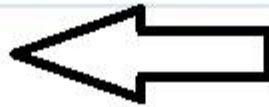
Total Marks: 1

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

3:26 PM

4G 67



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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



Search...



3:59

15.8 K/s 93



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2



BC200410839: HANFA BIBI

Time Left 89 sec(s)

Z00101: Quiz 2

Quiz Start Time: 03:57 PM, 14 February 2021

Question # 4 of 5 ( Start time: 03:59:14 PM, 14 February 2021 )

Total Marks: 1

A northern blot is a laboratory method used to detect specific

Select the correct option



DNA molecules



RNA molecules



Proteins



DNA and RNA

Click to Save Answer & Move to Next Question

3:47 PM

4G



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40



ZOO101:Quiz 2

Quiz Start Time: 03:47 PM

Question # 2 of 5 ( Start time: 03:48:26 PM, 14 February 2021 )

Result of collection of samples may be affected by

Select the correct option



Handling



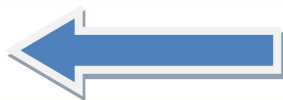
labeling



Processing



ALL



Click Here to Marked & Unmarked



## Quiz

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BC200410868: SIBGAH TAHIR

Time Left

ZOO101: Quiz 2

Quiz Start Time: 04:09 PM, 14 February 2021

Question # 2 of 5 ( Start time: 04:10:10 PM, 14 February 2021 )

Total marks: 1

*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 'Submit' / '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  |





# Quiz

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BC200414732: RABIA BIBI

Time Left

ZOO101:Quiz 2

Quiz Start Time: 05:09 PM, 14 February 2021

Question # 2 of 5 ( Start time: 05:10:04 PM, 14 February 2021 )

Total Marks: 1

*Most air sampling technologies depend on the aerodynamic .....of the airborne particles*

Select the correct option



Length



Diameter



Width



volume

3:28 PM

4G 57



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## 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

<input type="radio"/>	Passive traps
<input type="radio"/>	active traps



Search...



3:48 PM

4G 54



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40



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



Click on the Answer/More to find out

3:28 PM

4G 67



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Nylon has a binding capacity of about -----ug/cm

Select the correct option

- |                       |     |
|-----------------------|-----|
| <input type="radio"/> | 500 |
| <input type="radio"/> | 50  |
| <input type="radio"/> | 10  |
| <input type="radio"/> | 20  |



Search...



# BEST OF LUCK

VU ZOOLOGISTS-2020