

**VU MEDICAL ZONE**

BIO503:Quiz

sec(s)

Quiz Start Time: 01:41 AM, 01 September 2020

Question # 1 of 10 ( Start time: 01:41:01 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ is the process of separating molecules in solution by the difference in their rates of diffusion through a semipermeable membrane.

Select the correct option

- |                                  |                |                                                                                                          |
|----------------------------------|----------------|----------------------------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | Dialysis       | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | Blotting       |                                                                                                          |
| <input type="radio"/>            | PCR            |                                                                                                          |
| <input type="radio"/>            | Immunoblotting |                                                                                                          |

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

BIO503:Quiz

1:41 AM

01-Sep-20

sec(s)

Quiz Start Time: 01:41 AM, 01 September 2020

Question # 2 of 10 ( Start time: 01:41:49 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ for a specific protein are used as ligands on an affinity chromatography column.

Select the correct option

- |                                  |             |                                                                                                          |
|----------------------------------|-------------|----------------------------------------------------------------------------------------------------------|
| <input type="radio"/>            | Antibiotics | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | Antigens    |                                                                                                          |
| <input checked="" type="radio"/> | Antibodies  |                                                                                                          |
| <input type="radio"/>            | Antibins    |                                                                                                          |

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

## Question # 3 of 10 ( Start time: 01:42:23 AM, 01 September 2020 )

Total Marks: 1

A dehydration process typically used to preserve a perishable material or make the material more convenient for transport is known as \_\_\_\_\_.

Select the correct option

|                                  |                 |                                                                                     |
|----------------------------------|-----------------|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | Ultrafiltration |                                                                                     |
| <input checked="" type="radio"/> | Lyophilisation  | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Fermentation    |                                                                                     |
| <input type="radio"/>            | None of these   |                                                                                     |

[Click to Save Answer & Move to Next Question](#)1:43 AM  
01-Sep-20

sec(s)

## Question # 4 of 10 ( Start time: 01:43:17 AM, 01 September 2020 )

Total Marks: 1

Helicases and polymerases are \_\_\_\_\_ motors.

Select the correct option

|                                  |              |                                                                                     |
|----------------------------------|--------------|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | Cytoskeletal |                                                                                     |
| <input type="radio"/>            | Rotatory     |                                                                                     |
| <input checked="" type="radio"/> | DNA          | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Protective   |                                                                                     |

[Click to Save Answer & Move to Next Question](#)1:43 AM  
01-Sep-20

Question # 5 of 10 ( Start time: 01:43:29 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ is the random, thermal movement of molecules in solution that leads to the net movement of molecules from an area of higher concentration to a lower concentration until equilibrium is reached.

Select the correct option

- ☐ Osmosis
- ☒ Diffusion
- ☐ Dialysis
- ☐ None of these

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

Click to Save Answer & Move to Next Question

Question # 6 of 10 ( Start time: 01:44:02 AM, 01 September 2020 )

Total Marks: 1

Melting of ice involves change in .....

Select the correct option

- ☐ hydrogen bond
- ☐ chemical bond
- ☒ molecular interaction
- ☐ covalent bond

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

Click to Save Answer & Move to Next Question

Question # 7 of 10 ( Start time: 01:44:59 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ is a natural phenomenon by which all things with mass are brought toward (or gravitate toward) one another, including objects ranging from atoms and photons, to planets and stars.

Select the correct option

- |                                  |          |                                                                                     |
|----------------------------------|----------|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | Buoyancy |                                                                                     |
| <input checked="" type="radio"/> | Gravity  | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Drag     |                                                                                     |
| <input type="radio"/>            | Stoke    |                                                                                     |

Click to Save Answer & Move to Next Question

BC180203126: ABDUL QUDOOS

Time Left 74 sec(s)

BIO503:Quiz

Quiz Start Time: 01:41 AM, 01 September 2020

Question # 8 of 10 ( Start time: 01:45:13 AM, 01 September 2020 )

Total Marks: 1

RPC stands for \_\_\_\_\_

Select the correct option

- |                                  |                              |                                                                                     |
|----------------------------------|------------------------------|-------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | Reverse-phase chromatography | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Right-phase chromatography   |                                                                                     |
| <input type="radio"/>            | Reverse-phase chemistry      |                                                                                     |
| <input type="radio"/>            | None of these                |                                                                                     |

Click to Save Answer & Move to Next Question

## Question # 9 of 10 ( Start time: 01:45:43 AM, 01 September 2020 )

Total Marks: 1

The speed of dialysis might be increased by using \_\_\_\_\_ water.

Select the correct option

|                                  |           |                                                                                     |
|----------------------------------|-----------|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | Cold      |                                                                                     |
| <input type="radio"/>            | Distilled |                                                                                     |
| <input type="radio"/>            | PCR       |                                                                                     |
| <input checked="" type="radio"/> | Hot       | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |

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

## Question # 10 of 10 ( Start time: 01:45:57 AM, 01 September 2020 )

Total Marks: 1

Rotational of ultracentrifuge speed is up to \_\_\_\_\_

Select the correct option

|                                  |          |                                                                                     |
|----------------------------------|----------|-------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | 15000rpm | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | 25000rpm |                                                                                     |
| <input type="radio"/>            | 35000rpm |                                                                                     |
| <input type="radio"/>            | 55000rpm |                                                                                     |

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

Question # 2 of 10 ( Start time: 01:31:03 AM, 01 September 2020 )

Total Marks: 1

PH + POH = \_\_\_\_\_

Select the correct option

|                                  |    |                                                                                     |
|----------------------------------|----|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | 10 |                                                                                     |
| <input type="radio"/>            | 13 |                                                                                     |
| <input checked="" type="radio"/> | 14 | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | 0  |                                                                                     |

Click to Save Answer &amp; Move to Next Question



Question # 1 of 10 ( Start time: 01:30:18 AM, 01 September 2020 )

Total Marks: 1

The amino acids are identified by the comparison of the \_\_\_\_\_ times of the components in the specimen to those of reference compounds.

Select the correct option

|                                  |                 |                                                                                     |
|----------------------------------|-----------------|-------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | Retention       | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Coloration      |                                                                                     |
| <input type="radio"/>            | Desensitization |                                                                                     |
| <input type="radio"/>            | Freezing        |                                                                                     |

Click to Save Answer &amp; Move to Next Question



Question # 3 of 10 ( Start time: 01:31:17 AM, 01 September 2020 )

Total Marks: 1

Ninhydrin can react with ..... and give purple colored product.

Select the correct option

|                                  |                   |                                                                                            |
|----------------------------------|-------------------|--------------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | alpha amino acids | <b>Answer solved by Amaan Khan</b><br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | proline           |                                                                                            |
| <input type="radio"/>            | glucose           |                                                                                            |
| <input type="radio"/>            | lipids            |                                                                                            |

Click to Save Answer &amp; Move to Next Question



Question # 4 of 10 ( Start time: 01:31:27 AM, 01 September 2020 )

Total Marks: 1

Melting of ice involves change in .....

Select the correct option

|                                  |                       |                                                                                            |
|----------------------------------|-----------------------|--------------------------------------------------------------------------------------------|
| <input type="radio"/>            | hydrogen bond         | <b>Answer solved by Amaan Khan</b><br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | chemical bond         |                                                                                            |
| <input checked="" type="radio"/> | molecular interaction |                                                                                            |
| <input type="radio"/>            | covalent bond         |                                                                                            |



Click to Save Answer &amp; Move to Next Question



Question # 5 of 10 ( Start time: 01:33:07 AM, 01 September 2020 )

Total Marks: 1

In the case of antibody-antigen binding the inverted dissociation constant is used and is called \_\_\_\_\_ constant.

Select the correct option

|                                  |           |                                                                                                          |
|----------------------------------|-----------|----------------------------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | Affinity  | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | Antigen   |                                                                                                          |
| <input type="radio"/>            | Antibody  |                                                                                                          |
| <input type="radio"/>            | Diffinity |                                                                                                          |

Click to Save Answer & Move to Next Question



Question # 6 of 10 ( Start time: 01:33:29 AM, 01 September 2020 )

Total Marks: 1

In Isopycnic centrifugation separation of particles occurs into zones on the basis of their \_\_\_\_\_ differences, independent of time.

Select the correct option

|                                  |                 |                                                                                                          |
|----------------------------------|-----------------|----------------------------------------------------------------------------------------------------------|
| <input type="radio"/>            | Volume          | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | Color           |                                                                                                          |
| <input checked="" type="radio"/> | Density         |                                                                                                          |
| <input type="radio"/>            | Surface tension |                                                                                                          |

Click to Save Answer & Move to Next Question



Question # 7 of 10 ( Start time: 01:34:04 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ is used to transport salt ions from one solution through ion-exchange membranes to another solution under the influence of an applied electric potential difference.

Select the correct option

|                                  |                  |                                                                                                          |
|----------------------------------|------------------|----------------------------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | Electro dialysis | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | DNA dialysis     |                                                                                                          |
| <input type="radio"/>            | RNA dialysis     |                                                                                                          |
| <input type="radio"/>            | Protein dialysis |                                                                                                          |

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

Question # 8 of 10 ( Start time: 01:35:21 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ is a natural phenomenon by which all things with mass are brought toward (or gravitate toward) one another, including objects ranging from atoms and photons, to planets and stars.

Select the correct option

|                                  |          |                                                                                                          |
|----------------------------------|----------|----------------------------------------------------------------------------------------------------------|
| <input type="radio"/>            | Buoyancy |                                                                                                          |
| <input checked="" type="radio"/> | Gravity  | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | Drag     |                                                                                                          |
| <input type="radio"/>            | Stoke    |                                                                                                          |

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

Question # 9 of 10 ( Start time: 01:36:09 AM, 01 September 2020 )

Total Marks: 1

Helicases and polymerases are \_\_\_\_\_ motors.

Select the correct option

|                                  |              |                                                                                     |
|----------------------------------|--------------|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | Cytoskeletal |                                                                                     |
| <input type="radio"/>            | Rotatory     |                                                                                     |
| <input checked="" type="radio"/> | DNA          | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Protective   |                                                                                     |

Click to Save Answer &amp; Move to Next Question



BC170406657: GHULAM MURTAZA

Time Left 63 sec(s)

BIO503:Quiz

Quiz Start Time: 12:54 AM, 01 September 2020

Question # 1 of 10 ( Start time: 12:54:54 AM, 01 September 2020 )

Total Marks: 1

When you heat an egg to around \_\_\_\_\_ °C, the albumin proteins denature and aggregate.

Select the correct option

|                                  |     |                                                                                     |
|----------------------------------|-----|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | 0   |                                                                                     |
| <input checked="" type="radio"/> | 60  | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | 100 |                                                                                     |
| <input type="radio"/>            | 20  |                                                                                     |

Click to Save Answer &amp; Move to Next Question



## Question # 2 of 10 ( Start time: 12:55:44 AM, 01 September 2020 )

Total Marks: 1

In the case of antibody-antigen binding the inverted dissociation constant is used and is called \_\_\_\_\_ constant.

Select the correct option

|                                  |           |                                                                                     |
|----------------------------------|-----------|-------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | Affinity  | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Antigen   |                                                                                     |
| <input type="radio"/>            | Antibody  |                                                                                     |
| <input type="radio"/>            | Diffinity |                                                                                     |

Click to Save Answer &amp; Move to Next Question



## Question # 3 of 10 ( Start time: 12:56:22 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ is a protein visualization technique applied in combination with affinity chromatography.

Select the correct option

|                                  |                   |                                                                                     |
|----------------------------------|-------------------|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | Northern Blotting |                                                                                     |
| <input checked="" type="radio"/> | Immunoblotting    | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Southern Blotting |                                                                                     |
| <input type="radio"/>            | Western Blotting  |                                                                                     |

Click to Save Answer &amp; Move to Next Question



Question # 4 of 10 ( Start time: 12:56:56 AM, 01 September 2020 )

Total Marks: 1

The inverse of association constant is called ..... constant.

Select the correct option

|                                  |              |                                                                                     |
|----------------------------------|--------------|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | Entropy      |                                                                                     |
| <input type="radio"/>            | enthalpy     |                                                                                     |
| <input checked="" type="radio"/> | Dissociation | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | energy       |                                                                                     |

Click to Save Answer &amp; Move to Next Question



Question # 5 of 10 ( Start time: 12:57:43 AM, 01 September 2020 )

Total Marks: 1

The speed of dialysis might be increased by using ..... water.

Select the correct option

|                                  |           |                                                                                     |
|----------------------------------|-----------|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | Cold      |                                                                                     |
| <input type="radio"/>            | Distilled |                                                                                     |
| <input type="radio"/>            | PCR       |                                                                                     |
| <input checked="" type="radio"/> | Hot       | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |

Click to Save Answer &amp; Move to Next Question



## Question # 6 of 10 ( Start time: 12:58:23 AM, 01 September 2020 )

Total Marks: 1

The basic operating principle of ultrafiltration uses a pressure induced separation of solutes from a solvent through a \_\_\_\_\_ membrane.

Select the correct option

|                                  |                |                                                                                     |
|----------------------------------|----------------|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | Permeable      |                                                                                     |
| <input type="radio"/>            | Transitive     |                                                                                     |
| <input checked="" type="radio"/> | Semi permeable | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Impermeable    |                                                                                     |

Click to Save Answer &amp; Move to Next Question



## Question # 7 of 10 ( Start time: 12:59:01 AM, 01 September 2020 )

Total Marks: 1

The \_\_\_\_\_ is suitable for the determination of the concentration of various antigens, hormones and drugs in different body fluids such as the human blood.

Select the correct option

|                                  |                  |                                                                                     |
|----------------------------------|------------------|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | Immunoassay      |                                                                                     |
| <input type="radio"/>            | Blotting         |                                                                                     |
| <input checked="" type="radio"/> | Radioimmunoassay | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | None of these    |                                                                                     |

Click to Save Answer &amp; Move to Next Question



Question # 8 of 10 ( Start time: 12:59:43 AM, 01 September 2020 )

Total Marks: 1

Ninhydrin can react with ..... and give purple colored product.

Select the correct option

|                                  |                   |                                                                                                          |
|----------------------------------|-------------------|----------------------------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | alpha amino acids | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | proline           |                                                                                                          |
| <input type="radio"/>            | glucose           |                                                                                                          |
| <input type="radio"/>            | lipids            |                                                                                                          |

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

Question # 9 of 10 ( Start time: 01:01:23 AM, 01 September 2020 )

Total Marks: 1

PH + POH = \_\_\_\_\_

Select the correct option

|                                  |    |                                                                                                          |
|----------------------------------|----|----------------------------------------------------------------------------------------------------------|
| <input type="radio"/>            | 10 | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | 13 |                                                                                                          |
| <input checked="" type="radio"/> | 14 |                                                                                                          |
| <input type="radio"/>            | 0  |                                                                                                          |

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

Question # 1 of 10 ( Start time: 02:08:38 AM, 01 September 2020 )

Total Marks: 1

HPLC stands for \_\_\_\_\_.

Select the correct option

|                                  |                                        |                                                                                                          |
|----------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | High-performance liquid chromatography | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | High-performance liquid chemistry      |                                                                                                          |
| <input type="radio"/>            | High-performance low chromatography    |                                                                                                          |
| <input type="radio"/>            | None of these                          |                                                                                                          |

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

Question # 2 of 10 ( Start time: 02:08:54 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ is the random, thermal movement of molecules in solution that leads to the net movement of molecules from an area of higher concentration to a lower concentration until equilibrium is reached.

Select the correct option

|                                  |               |                                                                                                          |
|----------------------------------|---------------|----------------------------------------------------------------------------------------------------------|
| <input type="radio"/>            | Osmosis       | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input checked="" type="radio"/> | Diffusion     |                                                                                                          |
| <input type="radio"/>            | Dialysis      |                                                                                                          |
| <input type="radio"/>            | None of these |                                                                                                          |

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

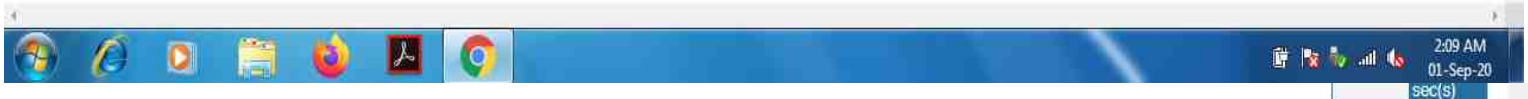
Question # 3 of 10 ( Start time: 02:09:06 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ is used to transport salt ions from one solution through ion-exchange membranes to another solution under the influence of an applied electric potential difference.

Select the correct option

|                                  |                  |                                                                                                          |
|----------------------------------|------------------|----------------------------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | Electro dialysis | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | DNA dialysis     |                                                                                                          |
| <input type="radio"/>            | RNA dialysis     |                                                                                                          |
| <input type="radio"/>            | Protein dialysis |                                                                                                          |

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

Question # 4 of 10 ( Start time: 02:09:19 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ for a specific protein are used as ligands on an affinity chromatography column.

Select the correct option

|                                  |             |                                                                                                          |
|----------------------------------|-------------|----------------------------------------------------------------------------------------------------------|
| <input type="radio"/>            | Antibiotics |                                                                                                          |
| <input type="radio"/>            | Antigens    |                                                                                                          |
| <input checked="" type="radio"/> | Antibodies  | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | Antibins    |                                                                                                          |

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

Question # 5 of 10 ( Start time: 02:09:30 AM, 01 September 2020 )

Total Marks: 1

ELISA stands for \_\_\_\_\_.

Select the correct option

- ☐ Enzyme-linked immunosorbent agent
- ☒ Enzyme-linked immunosorbent assay
- ☐ Enzyme-linked immunosorbent acid
- ☐ None of these

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

Click to Save Answer & Move to Next Question



Question # 6 of 10 ( Start time: 02:09:43 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ are cylindrical Polymer and made of  $\alpha$  and  $\beta$  tubulents.

Select the correct option

- ☐ Actin Filaments
- ☒ Microtubules
- ☐ Ribosomes
- ☐ Mitochondria

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

Click to Save Answer & Move to Next Question



## Question # 7 of 10 ( Start time: 02:10:23 AM, 01 September 2020 )

Total Marks: 1

The \_\_\_\_\_ is suitable for the determination of the concentration of various antigens, hormones and drugs in different body fluids such as the human blood.

Select the correct option

|                                  |                  |                                                                                     |
|----------------------------------|------------------|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | Immunoassay      |                                                                                     |
| <input type="radio"/>            | Blotting         |                                                                                     |
| <input checked="" type="radio"/> | Radioimmunoassay | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | None of these    |                                                                                     |

Click to Save Answer &amp; Move to Next Question



## Question # 8 of 10 ( Start time: 02:10:39 AM, 01 September 2020 )

Total Marks: 1

Separation and characterization of proteins based on electrophoresis and reaction with antibodies is done by \_\_\_\_\_.

Select the correct option

|                                  |                                   |                                                                                     |
|----------------------------------|-----------------------------------|-------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | Immuno-electrophoresis            | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Western blot                      |                                                                                     |
| <input type="radio"/>            | Enzyme-linked immunosorbent assay |                                                                                     |
| <input type="radio"/>            | Protein immune-staining           |                                                                                     |

Click to Save Answer &amp; Move to Next Question



Question # 9 of 10 ( Start time: 02:11:27 AM, 01 September 2020 )

Total Marks: 1

In the case of antibody-antigen binding the inverted dissociation constant is used and is called \_\_\_\_\_ constant.

Select the correct option

|                                  |           |                                                                                     |
|----------------------------------|-----------|-------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | Affinity  | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Antigen   |                                                                                     |
| <input type="radio"/>            | Antibody  |                                                                                     |
| <input type="radio"/>            | Diffinity |                                                                                     |

Click to Save Answer &amp; Move to Next Question

Question # 1 of 10 ( Start time: 01:51:08 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ quantifies proteins and peptides in solution if primary amine are present in the amino acids

Select the correct option

|                                  |               |                                                                                     |
|----------------------------------|---------------|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | PCR           |                                                                                     |
| <input type="radio"/>            | Gel Doc       |                                                                                     |
| <input checked="" type="radio"/> | Fluorescamine | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Blotting      |                                                                                     |

Click to Save Answer &amp; Move to Next Question

## Question # 2 of 10 ( Start time: 01:51:48 AM, 01 September 2020 )

Total Marks: 1

In Isopycnic centrifugation separation of particles occurs into zones on the basis of their \_\_\_\_\_ differences, independent of time.

Select the correct option

|                                  |                 |                                                                                     |
|----------------------------------|-----------------|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | Volume          |                                                                                     |
| <input type="radio"/>            | Color           |                                                                                     |
| <input checked="" type="radio"/> | Density         | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Surface tension |                                                                                     |

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

## Question # 3 of 10 ( Start time: 01:52:02 AM, 01 September 2020 )

Total Marks: 1

Ninhydrin can react with ..... and give purple colored product.

Select the correct option

|                                  |                   |                                                                                     |
|----------------------------------|-------------------|-------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | alpha amino acids | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | proline           |                                                                                     |
| <input type="radio"/>            | glucose           |                                                                                     |
| <input type="radio"/>            | lipids            |                                                                                     |

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## Question # 4 of 10 ( Start time: 01:52:13 AM, 01 September 2020 )

Total Marks: 1

A dehydration process typically used to preserve a perishable material or make the material more convenient for transport is known as \_\_\_\_\_.

Select the correct option

|                                  |                 |                                                                                     |
|----------------------------------|-----------------|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | Ultrafiltration |                                                                                     |
| <input checked="" type="radio"/> | Lyophilisation  | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |
| <input type="radio"/>            | Fermentation    |                                                                                     |
| <input type="radio"/>            | None of these   |                                                                                     |

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## Question # 5 of 10 ( Start time: 01:52:27 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ is the technique of precipitating a protein antigen out of solution using an antibody that specifically binds to that particular protein.

Select the correct option

|                                  |                                   |                                                                                     |
|----------------------------------|-----------------------------------|-------------------------------------------------------------------------------------|
| <input type="radio"/>            | Immuno-electrophoresis            |                                                                                     |
| <input type="radio"/>            | Western blot                      |                                                                                     |
| <input type="radio"/>            | Enzyme-linked immunosorbent assay |                                                                                     |
| <input checked="" type="radio"/> | Protein immune- precipitation     | Answer solved by Amaan Khan<br>Contact: 0305-4716616<br>Email: maniamaan2@gmail.com |

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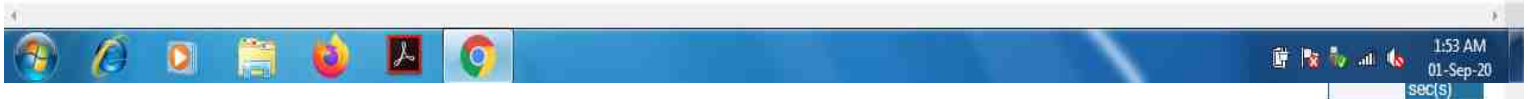
Question # 6 of 10 ( Start time: 01:53:27 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ is used to transport salt ions from one solution through ion-exchange membranes to another solution under the influence of an applied electric potential difference.

Select the correct option

|                                  |                  |                                                                                                          |
|----------------------------------|------------------|----------------------------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | Electro dialysis | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | DNA dialysis     |                                                                                                          |
| <input type="radio"/>            | RNA dialysis     |                                                                                                          |
| <input type="radio"/>            | Protein dialysis |                                                                                                          |

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

Question # 7 of 10 ( Start time: 01:53:43 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ is a natural phenomenon by which all things with mass are brought toward (or gravitate toward) one another, including objects ranging from atoms and photons, to planets and stars.

Select the correct option

|                                  |          |                                                                                                          |
|----------------------------------|----------|----------------------------------------------------------------------------------------------------------|
| <input type="radio"/>            | Buoyancy |                                                                                                          |
| <input checked="" type="radio"/> | Gravity  | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | Drag     |                                                                                                          |
| <input type="radio"/>            | Stoke    |                                                                                                          |

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

Question # 8 of 10 ( Start time: 01:53:55 AM, 01 September 2020 )

Total Marks: 1

In the case of antibody-antigen binding the inverted dissociation constant is used and is called \_\_\_\_\_ constant.

Select the correct option

|                                  |           |                                                                                                          |
|----------------------------------|-----------|----------------------------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | Affinity  | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | Antigen   |                                                                                                          |
| <input type="radio"/>            | Antibody  |                                                                                                          |
| <input type="radio"/>            | Diffinity |                                                                                                          |

Click to Save Answer & Move to Next Question



Question # 9 of 10 ( Start time: 01:54:08 AM, 01 September 2020 )

Total Marks: 1

HPLC stands for \_\_\_\_\_.

Select the correct option

|                                  |                                        |                                                                                                          |
|----------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | High-performance liquid chromatography | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | High-performance liquid chemistry      |                                                                                                          |
| <input type="radio"/>            | High-performance low chromatography    |                                                                                                          |
| <input type="radio"/>            | None of these                          |                                                                                                          |

Click to Save Answer & Move to Next Question



Question # 1 of 10 ( Start time: 01:59:08 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ for a specific protein are used as ligands on an affinity chromatography column.

Select the correct option

|                                  |             |                                                                                                          |
|----------------------------------|-------------|----------------------------------------------------------------------------------------------------------|
| <input type="radio"/>            | Antibiotics |                                                                                                          |
| <input type="radio"/>            | Antigens    |                                                                                                          |
| <input checked="" type="radio"/> | Antibodies  | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | Antibins    |                                                                                                          |

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Question # 2 of 10 ( Start time: 01:59:26 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ is the random, thermal movement of molecules in solution that leads to the net movement of molecules from an area of higher concentration to a lower concentration until equilibrium is reached.

Select the correct option

|                                  |               |                                                                                                          |
|----------------------------------|---------------|----------------------------------------------------------------------------------------------------------|
| <input type="radio"/>            | Osmosis       |                                                                                                          |
| <input checked="" type="radio"/> | Diffusion     | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | Dialysis      |                                                                                                          |
| <input type="radio"/>            | None of these |                                                                                                          |

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Question # 3 of 10 ( Start time: 01:59:37 AM, 01 September 2020 )

Total Marks: 1

The \_\_\_\_\_ is suitable for the determination of the concentration of various antigens, hormones and drugs in different body fluids such as the human blood.

Select the correct option

|                                  |                  |                                                                                                          |
|----------------------------------|------------------|----------------------------------------------------------------------------------------------------------|
| <input type="radio"/>            | Immunoassay      |                                                                                                          |
| <input type="radio"/>            | Blotting         |                                                                                                          |
| <input checked="" type="radio"/> | Radioimmunoassay | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | None of these    |                                                                                                          |

Click to Save Answer & Move to Next Question



Question # 4 of 10 ( Start time: 02:00:10 AM, 01 September 2020 )

Total Marks: 1

ELISA stands for \_\_\_\_\_

Select the correct option

|                                  |                                   |                                                                                                          |
|----------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------|
| <input type="radio"/>            | Enzyme-linked immunosorbent agent |                                                                                                          |
| <input checked="" type="radio"/> | Enzyme-linked immunosorbent assay | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | Enzyme-linked immunosorbent acid  |                                                                                                          |
| <input type="radio"/>            | None of these                     |                                                                                                          |

Click to Save Answer & Move to Next Question



Question # 5 of 10 ( Start time: 02:00:24 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ is used to transport salt ions from one solution through ion-exchange membranes to another solution under the influence of an applied electric potential difference.

Select the correct option

|                                  |                  |                                                                                                          |
|----------------------------------|------------------|----------------------------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | Electro dialysis | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | DNA dialysis     |                                                                                                          |
| <input type="radio"/>            | RNA dialysis     |                                                                                                          |
| <input type="radio"/>            | Protein dialysis |                                                                                                          |

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Question # 6 of 10 ( Start time: 02:00:39 AM, 01 September 2020 )

Total Marks: 1

Freeze-drying works by freezing the material and then \_\_\_\_\_ the surrounding pressure to allow the frozen water in the material to sublime directly from the solid phase to the gas phase.

Select the correct option

|                                  |              |                                                                                                          |
|----------------------------------|--------------|----------------------------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | Reducing     | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | Increasing   |                                                                                                          |
| <input type="radio"/>            | Optimizing   |                                                                                                          |
| <input type="radio"/>            | Decolorizing |                                                                                                          |

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

Question # 7 of 10 ( Start time: 02:01:20 AM, 01 September 2020 )

Total Marks: 1

HPLC stands for \_\_\_\_\_.

Select the correct option

|                                  |                                        |                                                                                                          |
|----------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | High-performance liquid chromatography | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | High-performance liquid chemistry      |                                                                                                          |
| <input type="radio"/>            | High-performance low chromatography    |                                                                                                          |
| <input type="radio"/>            | None of these                          |                                                                                                          |

Click to Save Answer & Move to Next Question



Question # 8 of 10 ( Start time: 02:01:32 AM, 01 September 2020 )

Total Marks: 1

The amino acids are identified by the comparison of the \_\_\_\_\_ times of the components in the specimen to those of reference compounds.

Select the correct option

|                                  |                 |                                                                                                          |
|----------------------------------|-----------------|----------------------------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> | Retention       | <b>Answer solved by Amaan Khan</b><br><b>Contact: 0305-4716616</b><br><b>Email: maniamaan2@gmail.com</b> |
| <input type="radio"/>            | Coloration      |                                                                                                          |
| <input type="radio"/>            | Desensitization |                                                                                                          |
| <input type="radio"/>            | Freezing        |                                                                                                          |

Click to Save Answer & Move to Next Question



Question # 9 of 10 ( Start time: 02:01:49 AM, 01 September 2020 )

Total Marks: 1

The speed of dialysis might be increased by using \_\_\_\_\_ water.

Select the correct option

|                                  |           |                                                                                                                                        |
|----------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------|
| <input type="radio"/>            | Cold      |                                                                                                                                        |
| <input type="radio"/>            | Distilled |                                                                                                                                        |
| <input type="radio"/>            | PCR       |                                                                                                                                        |
| <input checked="" type="radio"/> | Hot       | <p>Answer solved by Amaan Khan<br/>                     Contact: 0305-4716616<br/>                     Email: maniamaan2@gmail.com</p> |

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Question # 10 of 10 ( Start time: 02:02:03 AM, 01 September 2020 )

Total Marks: 1

\_\_\_\_\_ quantifies proteins and peptides in solution if primary amine are present in the amino acids

Select the correct option

|                                  |               |                                                                                                                                        |
|----------------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <input type="radio"/>            | PCR           |                                                                                                                                        |
| <input type="radio"/>            | Gel Doc       |                                                                                                                                        |
| <input checked="" type="radio"/> | Fluorescamine | <p>Answer solved by Amaan Khan<br/>                     Contact: 0305-4716616<br/>                     Email: maniamaan2@gmail.com</p> |
| <input type="radio"/>            | Blotting      |                                                                                                                                        |

Click to Save Answer & Move to Next Question

