VIRTUAL UNIVERSITY OF PAKISTAN

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:-hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
HADI VU PAST PAPER

MID TERM PAST PAPER

We Deal All Kind of VU Project
(PHP, .NET,ANDROID,PYTHON)

MADE AND SOLVED BY HADI

WARNING: Team HADI is not responsible for any mistake or wrong answer. All students reading and using this document may check and confirm the answers at their own.

WhatsApp:03087122922

FACEBOOK ID: https://www.facebook.com/hadipastpapers/

Best of luck!

PAST PAPER

TEAM HADI VU

Question # 19 of 30 (Start time: 02:55:59 AM, 27 December 2020) Total Marks: 1

Sickle cells are very fragile and rupture easily. This results in _____.

Select the correct option

- [x] Anemia
- [ ] Blood cancer
- [ ] Heamophilia
- [ ] Aplastic anemia

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU)

A loss of three-dimensional structure sufficient to cause loss of function of the protein is called _____.

Select the correct option

- [x] denaturation
- [ ] catalysis
- [ ] reactivation
- [ ] misfolding

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

TEAM HADI(VU)

Question # 30 of 30 (Start time: 03:20:17 AM, 27 December 2020) **Total Marks:**

Alpha helices are the most common secondary structure found in proteins. Nearly all _____ proteins contain alpha helices in their membrane spanning domains.

Select the correct option

- [x] trans membrane
- [ ] protective
- [ ] transport
- [ ] globular

TEAM HADI(VU)

Proteins may exist in the form of multi-subunits. An advantage of a multi-subunit structure is that the different subunits can have different activities and cooperate in a common function. This is best understood by the structure of the enzyme _____ __ which exists as a multi-protein complex.

Select the correct option

- [x] haemoglobin
- [ ] ribozyme
- [ ] pyruvate dehydrogenase
- [ ] Ig A

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 24 of 30 (Start time: 02:39:34 AM, 27 December 2020) Total Marks:

A molecule bound reversibly by a protein is called a _____.

Select the correct option

- [x] ligand
- [ ] lysozyme
- [ ] sub-unit
- [ ] chelator

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM FDI(VU)

Cis-9-hexadecenoic acid, that is a fatty Acid with nutritional significance is commonly known as _____ acid

Select the correct option

- Oleic
- Palmitic
- Palmitoleic
- None of given

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

TEAM HADI(VU)

Question # 23 of 30 (Start time: 02:13:20 AM, 27 December 2020) Total Marks: 1

Clusters of twisted strands of β-sheet form the core of many _____ proteins.

Select the correct option

- fibrous
- globular
- collagenous
- structural

TEAM HADI(VU)

Question # 22 of 30 (Start time: 02:13:08 AM, 27 December 2020) Total Marks:

The surface of myoglobin is polar, important for interacting with---------- aqueous environment of cytosol.

Select the correct option

- [x] polar
- [ ] non polar
- [ ] organic
- [ ] inorganic

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

TEAM HADI (VU)

Question # 12 of 30 (Start time: 02:07:26 AM, 27 December 2020) Total Marks:

The characteristic pH at which the net electric charge on amino acid molecule is zero is called _____.

Select the correct option

- cationic pH
- isoelectric point
- ampholytic point
- anionic point

TEAM HADI(VU)

BIO202:Grand Quiz

Quiz Start Time: 03:07 AM, 27 December 2020

Question # 28 of 30 (Start time: 03:19:31 AM, 27 December 2020)

Total Marks: 1

The second degradation product of haemoglobin is green pigment biliverdin, the result of breakdown by oxidation occurs in -------

Select the correct option

- liver
- heart
- kidney
- spleen

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL-03087122922

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

TEAM HADI(VU)

In contrast to myoglobin hemoglobin can bind ----- oxygen molecules-one at each of its heme group

.

Select the correct option

- [x] Four
- [ ] Five
- [ ] One
- [ ] Two

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Apart from the 20 standard amino acids, some other amino acids may also be synthesized and become a part of the protein. An example of such an amino acid is _____ which is a naturally occurring, genetically coded amino acid used by some methanogenic archaea.

Select the correct option

- [x] pyrrolysine
- [ ] phenylalanine
- [ ] aspartic acid
- [ ] sialic acid

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI (VU)

Storage proteins have the ability to bind and store specific elements or compounds. _____ is an example of a storage protein that stores copper.

Select the correct option

- ○ Heamoglobin
- ◉ Ferritin
- ○ Ceruloplasmin
- ○ Urease

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

The conformational change of hemoglobin is usually described as changing from T (Tense) state to R (Relaxed) state with a low affinity for Oxygen.

Select the correct option

- [x] True
- [ ] False

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM DI(VU)

Question # 10 of 30 (Start time: 02:06:26 AM, 27 December 2020) Total Marks:

OxyHemoglobin Dissociation Curve Bohr effect decreased affinity of haemoglobin for ---------- gas caused by an increase of carbon dioxide pH etc.

Select the correct option

- [x] Oxygen
- [ ] Carbon dioxide
- [ ] Ozone
- [ ] Nitrogen

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 1 of 30 (Start time: 02:46:33 AM, 27 December 2020) Total Marks:

Based on its structural similarity to other lipids, lipid most likely functions as -----

Select the correct option

- a vitamin required for vision.
- a membrane component.
- an energy storage molecule
- a sex hormone.

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL-hadirajputofficial@gmail.com
WHATSAPP& CALL-03087122922
TEAM HADI(VU)

Question # 15 of 30 (Start time: 02:09:39 AM, 27 December 2020) Total Marks:

The process by which oxygen enters the blood from the alveoli is

Select the correct option

- facilitated diffusion
- diffusion
- active transport
- none

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

BIO202:Grand Quiz

Quiz Start Time: 02:22 AM, 27 December 2020

Question # 11 of 30 (Start time: 02:30:10 AM, 27 December 2020)

Total Marks: 1

The melting properties of fatty acids and lipid bilayers is due primarily to ----------

Select the correct option

- hydrogen bonds.
- Vander Waals forces
- electrostatic interactions.
- covalent bonds.

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL-03087122922
TEAM HADI(VU)

The 18-carbon with one double bond named as

Select the correct option

- ○ Palmitic acid
- ○ Propionic acid
- ◉ Oleic acid
- ○ Butyric acid

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Catalytic proteins are called as ----------

Select the correct option

- ○ Amino group proteins
- ◉ Enzymes
- ○ Catalysts
- ○ Carbon R chain groups

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

TEAM HADI(VU)

Question # 12 of 30 (Start time: 02:30:59 AM, 27 December 2020) Total Marks:

Micelles of fatty acids in water are organized such that the ___ face the solvent and the ___ are directed toward the interior.

Select the correct option

- [x] Hydrophobic heads; hydrophobic tails
- [ ] hydrocarbon chains; carboxylic acid groups
- [ ] hydrophobic tails; hydrophilic heads
- [ ] carboxylic acid groups; hydrocarbon chains

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 5 of 30 (Start time: 02:25:20 AM, 27 December 2020) Total Marks: 1

The positions of any _____ in fatty acids are specified relative to the carboxyl carbon by superscript numbers following Δ (delta).

Select the correct option

- Carbon atom
- Hydrogen atom
- double bonds
- R-group

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU)

Which of the following protects our heart and kidneys from injury?

Select the correct option

- Fat
- Muscles
- Skin
- Lubricants

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 21 of 30 (Start time: 02:12:41 AM, 27 December 2020) Total Marks: 1

The form of an amino acid that has both a positive and a negative charge is called a _____.

Select the correct option

- [x] zwitterion
- [ ] non-ionic
- [ ] cation
- [ ] anion

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL-hadirajputofficial@gmail.com
WHATSAPP& CALL-03087122922
TEAM HADI(VU)

Question # 1 of 30 (Start time: 01:16:01 AM, 27 December 2020) Total Marks: 1

The ---------- gas is used for aerobic synthesis of ATP in muscle mitochondria during the case of severe exercise

Select the correct option

- [x] Oxygen
- [ ] Carbon dioxide
- [ ] ozone
- [ ] none

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL-hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

TEAM HADI(VU)

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 16 of 30 (Start time: 02:34:22 AM, 27 December 2020) Total Marks: 1

The name of Unsaturated acids with double bonds end in --------

Select the correct option

- [x] enoic
- [ ] anoic
- [ ] dnoic
- [ ] none of above

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU)

Question # 9 of 30 (Start time: 02:29:27 AM, 27 December 2020) Total Marks: 1

The net charge on alanine in acidic solution (pH less than 2) is_____.

Select the correct option

- Negative
- Positive
- Neutral
- First negative then becomes neutral

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 28 of 30 (Start time: 02:42:07 AM, 27 December 2020) Total Marks: 1

Which of the following is an imino acid?

Select the correct option

- [x] Proline
- [ ] Lysine
- [ ] Alanine
- [ ] Histidine

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:-hadirajputofficial@gmail.com
WHATSAPP& CALL:-03087122922
TEAM HADI(VU)

The net charge on alanine in acidic solution (pH less than 2) is_____.

Select the correct option

- ○ Negative
- ◉ Positive
- ○ Neutral
- ○ First negative then becomes neutral

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 15 of 30 (Start time: 02:34:01 AM, 27 December 2020) Total Marks: 1

Upon reaction with strong acids pentoses produce _____ while hexoses produce _____.

Select the correct option

- [x] furfural, hydroxy methyl furfural
- [ ] hydroxy methyl furfural, furfural
- [ ] aldehydes, ketone
- [ ] deoxy sugars, amino sugars

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU)

Question # 4 of 30 (Start time: 02:24:55 AM, 27 December 2020) Total Marks: 1

Fatty acids are carboxylic acids in which length of _____ chains range from 4 to 36 carbons.

Select the correct option

- [x] Hydrocarbon
- [ ] Polycarbon
- [ ] Monosaccharide
- [ ] Disaccharides

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 8 of 30 (Start time: 03:11:57 AM, 27 December 2020) Total Marks:

Proteins may exist in the form of multi-subunits. An advantage of a multi-subunit structure is that the different subunits can have different activities and cooperate in a common function. This is best understood by the structure of the enzyme _____ which exists as a multi-protein complex.

Select the correct option

- heamoglobin
- ribozyme
- pyruvate dehydrogenase
- Ig A

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU)

Question # 21 of 30 (Start time: 01:31:41 PM, 28 June 2021) Total Marks: 1

Lipids are classified in following three major groups:

Select the correct option

- Precursor and Derived Lipids
- Simple lipids
- Complex Lipids and
- ALL of above

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

TEAM HADI(VU)

BIO202:Grand Quiz

Quiz Start Time: 12:28 PM, 28 June 2021

Question # 12 of 30 (Start time: 12:37:36 PM, 28 June 2021)

Total Marks: 1

_____ structure of proteins refers to particularly stable arrangements of amino acid residues giving rise to recurring structural patterns.

Select the correct option

- Primary
- Tertiary
- Quaternary
- Secondary

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

TEAM HADI(VU)

BIO202:Grand Quiz

Quiz Start Time: 01:42 AM, 27 December 2020

Question # 21 of 30 (Start time: 01:53:44 AM, 27 December 2020)

Total Marks:

Once a heme group is oxidized, what molecule is produced?

Select the correct option

- [x] methemoglobin
- [ ] hemoglobin
- [ ] myoglobin
- [ ] hemoglobin c

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 19 of 30 (Start time: 01:52:52 AM, 27 December 2020) Total Marks:

The carbon of the terminal methyl group is called the ------- regardless of the chain length.

Select the correct option

- Alpha
- Beta
- Gamma
- none

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU)

BIO202:Grand Quiz

Quiz Start Time: 12:53 PM, 28 June 2021

Question # 17 of 30 (Start time: 01:05:58 PM, 28 June 2021)

Total Marks: 1

Phospholipids frequently have nitrogen containing bases and other substituent are

Select the correct option

- Sphingophospholipids the alcohol is sphingosine.
- None of any option
- Glycerophospholipids the alcohol is glycerol.
- Both

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

TEAM HADI(VU)

Question # 3 of 30 (Start time: 12:30:37 PM, 28 June 2021) Total Marks:

Clusters of twisted strands of β-sheet form the core of many _____ proteins.

Select the correct option

- structural
- globular
- collagenous
- fibrous

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

TEAM HADI(VU)

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 1 of 30 (Start time: 12:28:49 PM, 28 June 2021) Total Marks: 1

Unfolded proteins that have become thermodynamically trapped in a misfolded dead may be unfolded by another group of proteins known as _____.

Select the correct option

- reducatases
- immunoglobulins
- chaperones
- cytochromes

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

TEAM HADI(VU)

BIO202:Grand Quiz

Quiz Start Time: 01:42 AM, 27 December 2020

Question # 3 of 30 (Start time: 01:42:45 AM, 27 December 2020)

Total Marks: 1

Unesterified fatty acids are transported in the circulation in association with ----------

Select the correct option

- (●) Albumin
- ( ) Gelatin
- ( ) Casein
- ( ) None of above

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

BIO202:Grand Quiz

Quiz Start Time: 01:42 AM, 27 December 2020

Question # 28 of 30 (Start time: 01:59:36 AM, 27 December 2020)

Total Marks: 1

The quaternary structure of human hemoglobin is best described as a

Select the correct option

- dimer of two myoglobin dimers.
- tetramer of identical subunits
- tetramer of four different subunits
- tetramer of two different subunits

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 10 of 30 (Start time: 01:54:43 PM, 28 June 2021) Total Marks: 1

Simplest carbohydrate is _____

Select the correct option

- Glycerine
- Glucose
- Glyceraldehyde
- Sucrose

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

TEAM HADI(VU)

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 7 of 30 (Start time: 02:27:16 AM, 27 December 2020) Total Marks:

Myoglobin can bind to four Oxygen molecules because it contains 4 heme groups.

Select the correct option

- ○ True
- ◉ False

TEAM HADI(VU)

Question # 19 of 30 (Start time: 01:29:41 PM, 28 June 2021) Total Marks:

With reference to carbohydrate structure, which type of isomers have nearly identical chemical properties but differ in their interaction with plane-polarized light?

Select the correct option

- aldose-ketose isomerism
- enantiomers
- epimers
- anomers

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

TEAM HADI(VU)

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

BIO202:Grand Quiz

Quiz Start Time: 01:19 PM, 28 June 2021

Question # 1 of 30 (Start time: 01:19:16 PM, 28 June 2021)

Total Marks: 1

Hemoglobin forms an unstable reversible bond with oxygen. In the oxygenated state, it is called -----

Select the correct option

- Hemoglobin
- oxyhemoglobin

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU)

Question # 13 of 30 (Start time: 02:32:39 AM, 27 December 2020) Total Marks:

Which of the following molecules is a typical fatty acid?

Select the correct option

- A molecule that has an even number of carbon atoms in a branched chain
- A polar hydrocarbon with that reacts with NaOH to form a salt.
- An amphipathic dicarboxylic acid with unconjugated double bonds.
- A molecule that has one cis double bond in a linear carbon chain

TEAM HADI(VU)

MADE BY HADI

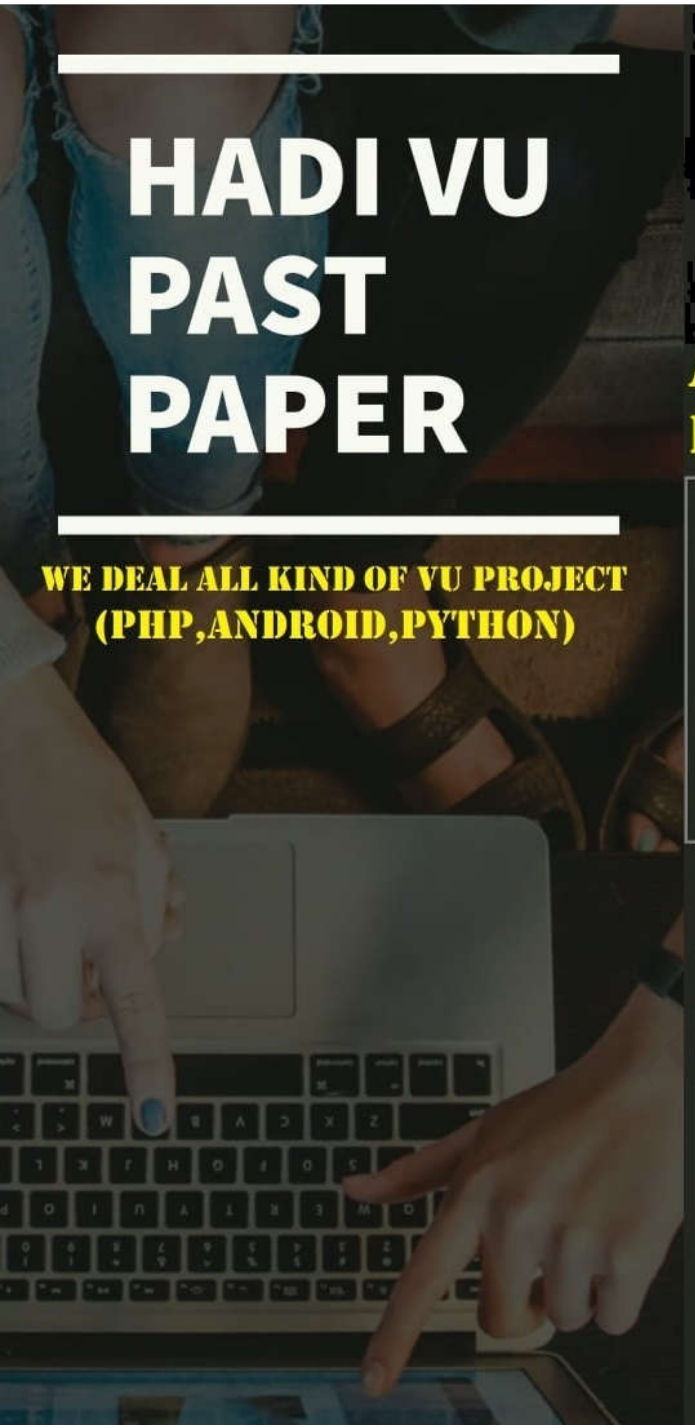
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Electrostatic interactions help stabilize the three dimensional tertiary structure of proteins. These interactions are formed as a result of ionic bonds formed between the positively and negatively charges amino acids. The positive charges are usually present on _____ amino acids.

Select the correct option

- [x] basic
- [ ] acidic
- [ ] neutral
- [ ] all

TEAM HAD(VU)



HADI VU PAST PAPER

WE DEAL ALL KIND OF VU PROJECT
(PHP,ANDROID,PYTHON)

DEAR STUDENTS

ARE YOU LOOKING
FOR ASSISTANCE

1) ASSIGNMENTS
2) QUIZZES
3) GDB
4) GRAND QUIZZES

We Provide,You Solution of VU Academic Activities include Assignments, Quizzes,GDBs,Grand Quizze If You Need Help in Services Kindly inform us.

TEAM HADI
BITOUT SOFTWARE HOUSE

TEAM HADI
(VU LAHORE)

HADI TECH

#PAID_TASK

CONTACT US

CALL & WHATSAPP

0308-7122922