

FAKIR CHAND COLLEGE CENTRE (551)

INSTRUCTIONS FOR CANDIDATES

READ ALL THE INSTRUCTIONS CAREFULLY BEFORE WRITING ANSWERS

1. Total **TIME OF EXAMINATION: 30 Minutes**
2. **A) CANDIDATES MUST HAVE TO ANSWER IN A A4-SIZED PLAIN PAPER.**
 - B) ON THE PAPER CLEARLY MENTION UNIVERSITY ROLL NO., UNIVERSITY REG. NO. AND PAPER NO. ON TOP OF THE PAGE AND THEN BELOW WRITE ONLY THE CHOSEN OPTIONS AGAINST CORRESPONDING QUESTION NUMBERS (For Example, If Option 'A' Is Correct For Q.1 Then Write Q.1 – A)].**
 - C) Then Candidates Have To Prepare A PDF FILE By Scanning The Answer Script Clearly [Give File Names As 'University Roll No.(Paper No.)' Format (Like XX3551-XX-XXXX(CC1-GE1) OR, XX3551-XX-XXXX(CC3-GE3) OR, XX3551-XX-XXXX(SEC-A2) OR, XX3551-XX-XXXX(DSE-A)]**
 - D) Finally, Upload The File In The Stipulated Place Of The Google Form Before Submission Of The Form.**
3. Use **ONLY BLACK INK** For Writing Your Answers
4. Give **AT LEAST 1CM MARGINS** In All The Four Sides Of Each Page

2020
B.A. /B.Sc. Semester 5 Examination
University of Calcutta
CHEMISTRY – GENERAL
INTERNAL
Paper : SEC-A2
(Analytical Clinical Biochemistry)
F.M. 10

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Choose The Correct Answer:

1x10=10

1. Protein Kinase is a
 - a) Ligase-type enzyme
 - b) Transferase-type enzyme
 - c) Lyase-type enzyme
 - d) Isomerase-type enzyme
2. Enzymes have
 - a) Cofactor specificity
 - b) Stereospecificity
 - c) Substrate specificity
 - d) All the three
3. Endopeptidases cleave
 - a) A terminal amino acid residue at the end of a polypeptide
 - b) Internal peptide bonds
 - c) Both (a) and (b)
 - d) None of the above
4. Genes are made up of
 - a) DNA
 - b) RNA
 - c) Both DNA & RNA
 - d) Ribosomes
5. RNA is of
 - a) 3 types
 - b) 4 types
 - c) 2 types
 - d) only one type
6. Ribosomes are the site of
 - a) Nucleic Acid synthesis
 - b) Nucleotide synthesis
 - c) Protein synthesis
 - d) Enzyme synthesis
7. If a protein molecule is treated with Beta-Mercaptoethanol then
 - a) The Hydrogen bonds are broken down
 - b) The disulphide bridges are broken down
 - c) Proteins are broken down to amino acids
 - d) Proteins are broken down in fragments
8. The most commonly used buffer in PAGE of proteins is
 - a) Phosphate buffer
 - b) NaOAc-AcOH buffer
 - c) Carbonic Acid-Bicarbonate buffer
 - d) Tris-Glycine buffer
9. Reverse cholesterol transport is one of the main functions of
 - a) High density lipoproteins
 - b) Chylomicrons
 - c) Very low density lipoproteins
 - d) Low density lipoproteins
10. Angiotensin is a
 - a) Growth hormone
 - b) Vasoconstrictor hormone
 - c) Sex hormone
 - d) Stimulates the production and release of the skin pigment melanin