

## CECTON D

IIII TOWN TO THE

Answer three (3) questions only
4. (a) Write a short note on the kinetics of allosteric enzyme.
(b) Explain the models of allosterism.
5. (a) In order for a reaction to occur, reactant molecules must contain sufficient energy to
cross a potential energy barrier, the activation energy. Explain this in line with catalysis.
(b) Explain the models of enzyme binding.
(e) Why is the Induced-fit model preferable to the Lock and Key model.
(a) Justify the necessity for the classification and nomenclature of enzymes.
(b) How are enzymes named and classified? Give examples.
Enumerate the steps involved in isolating and purifying enzymes to homogeneity.
(b) Explain (i) Continuous (ii) Discontinuous (iii) Direct and (iv) Coupled Enzyme
Assay.
KI FS KZ > E+P
110 [57 ] A+ S = K.
Vonen IKNITSJ
- J=mart c - 0
Justent the Regulation  Notes TSI Variety Trant [5] _ (C) Oxida-Reductase i'd oxidation group
Nonex Tsiyanex Tem + [5] - (2) (CD) Oxido-Reductase 100
Words to by Max  Waster (Catalysing a hydropholic  Words (Catalysi
Brondo tru by Mrsx
Nordo tru by Marx  Hydrotan; catalysing a vxn by hydrophiche Nordo - 15 Junax  14 ase; hydrophide part of an eng
North 1553 (3)  1 Jase; midrophidic part 7 an engrowth of the part 3 an engrowth of the part 3 an engrowth of the part 3 and on the part 3 and 0
in the second of
Jo + LETJuman - G hicore
Tretter Imac
2 male = ~ NA month from les
O Es Junea Estuma 2053 Km Cs)
2 C53 - C53 = 1Cm