

91. _____ of an enzyme is a crevices or pocket into which substrate fit.

[NCERT XI, Pg. No. 154]

- (1) Inactive site (2) Active site
(3) Allosteric site (4) Any of these

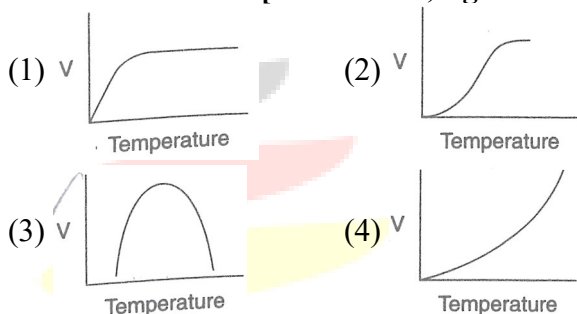
92. There could be many more 'altered structural states (like transition state) between the stable substrate and the product in enzymatic reaction. These structural states are

[NCERT XI, Pg. No.156]

- (1) stable
(2) unstable
(3) metastable
(4) of lower energy than both substrate and product.

93. Which one of the graphs shows the effect of temperature on the enzymatic activity?

[NCERT XI, Pg. No. 157]



94. Which one of the following is correct?

[NCERT XI, Pg. No. 156]

- (1) $E + S \rightarrow ES \rightarrow EP \rightarrow E + P$
(2) $E + S \rightarrow ES \rightarrow EP \rightarrow E + P$
(3) $E + S \rightarrow ES \rightarrow EP \rightarrow E - P$
(4) $E + S \rightarrow ES \rightarrow EP \rightarrow E - P$

95. The suffix '—' added to substrate for naming the enzyme is [NCERT XI, Pg. No. 158]

- (1) -ase (2) -in
(3) -zyme (4) -ose

96. Cofactors are [NCERT XI, Pg. No. 158]

- (1) Prosthetic groups (2) Co-enzymes
(3) Metallic ions (4) All of these

97. Enzymes which catalyse the transfer of group other than hydrogen belongs to the class

[NCERT XI, Pg. No. 158]

- (1) Oxidoreductases (2) Transferases
(3) Hydrolases (4) Ligases

98. The four elements making 99% of living system

[NCERT XI, Pg. No. 143]

- (1) CHOS (2) CHOP
(3) CHON (4) CNOP

99. Select the reaction that is an example of oxidoreductases of an enzyme from the following reactions [NCERT XI, Pg. No. 158]

(1) $S \text{ reduced} + S' \text{ oxidized} \rightarrow S \text{ oxidized} + S' \text{ reduced}$

(2) $S - G + S' \rightarrow S + S' - G$

(3) $X - Y$

(3) $C - C \rightarrow X - Y + C = C$

(4) None of the above

100. The full form of NAD is [NCERT XI, Pg. No. 159]

- (1) Nicotinamylc Adenine Dinucelotide
(2) Nitrogenamide Adenine Dinucelotide
(3) Nicotinamide Adenine Dinucelotide
(4) Nicotinamide Adeninylic Dinucelotide