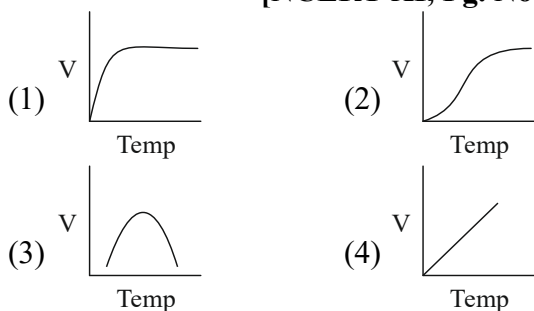


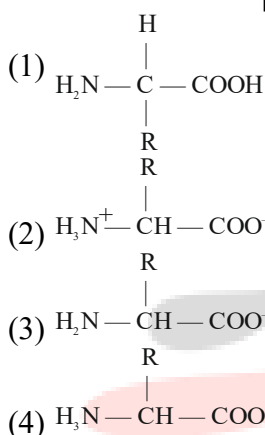
71. Which one of the given graphs shows the effect of temperature on the velocity of a typical enzymatic reaction (V)?

[NCERT XI, Pg. No. 157]

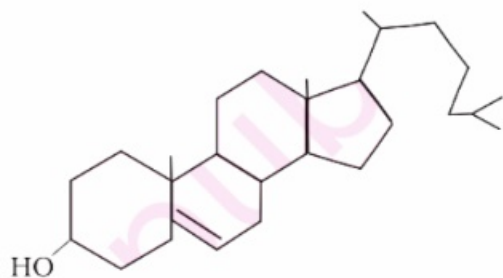


72. Identify the Zwitter ionic form of amino acid.

[NCERT XI, Pg. No. 145]



73. Given structural formula is correctly identified along with its related function by which of the following option? [NCERT XI, Pg. No. 145]



- (1) Cholesterol – a component of animal cell membrane  
 (2) Lecithin – a component of cell membrane  
 (3) Triglyceride – an energy source  
 (4) Adenosine – a component of nucleic acids

74. A nucleic acid containing deoxyribose is called \_\_\_\_\_ and that which contains ribose is called \_\_\_\_\_ [NCERT XI, Pg. No. 149]

(1) DNA, RNA (2) RNA, DNA  
 (3) dsDNA, RNA (4) dsDNA, rRNA

75. Proteins with catalytic power are called

[NCERT XI, Pg. No. 152]

(1) pro-enzymes (2) apo-enzymes  
 (3) enzymes (4) co-factors

76. Enzymes are most functional with in the temperature range of [NCERT XI, Pg. No. 154]

(1) 10 °C – 80 °C (2) –15 °C – 25 °C  
 (3) 25 °C – 40 °C (4) 50 °C – 60 °C

77. Enzymes that catalyze removal of groups from substrates by mechanisms other than hydrolysis and addition of groups to double bonds, are called [NCERT XI, Pg. No. 158]

(1) Ligases (2) Hydrolysis  
 (3) Lyases (4) Dehydrogenases

78. To analyse the chemical composition of living tissue, we solubilize them in

[NCERT XI, Pg. No. 142]

(1) HNO<sub>3</sub> (2) HCl  
 (3) CF<sub>3</sub>COOH (4) CCl<sub>3</sub>COOH

79. The percentage of oxygen in human body is

[NCERT XI, Pg. No. 143]

(1) 65% (2) 46.6%  
 (3) 18.5% (4) 3.3%

80. The biomolecules whose weight is less than Dalton (Da) is referred as biomicromolecules.

[NCERT XI, Pg. No. 146]

(1) 800 (2) 18  
 (3) 1000 (4) 10,000