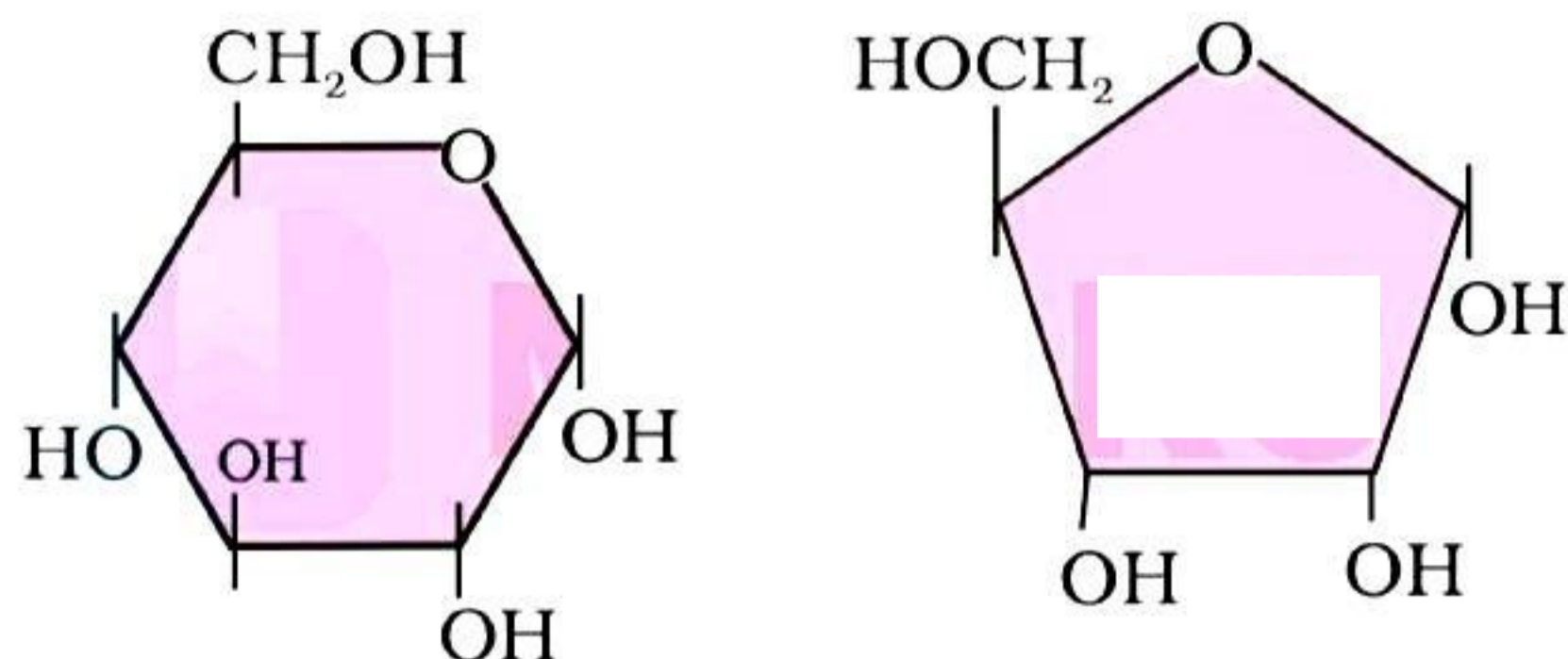# Biomolecules (B)

Set – 1

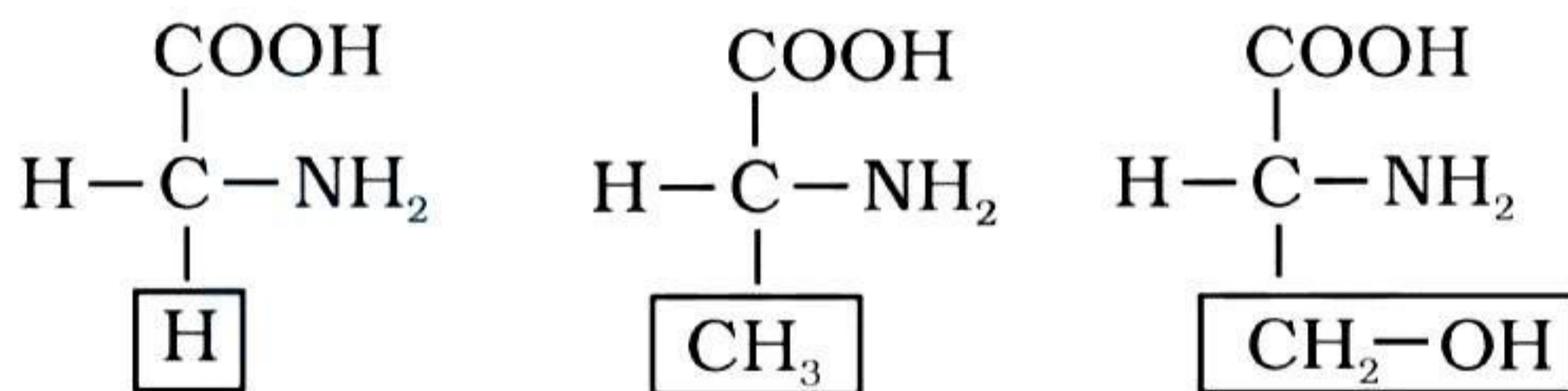**Q1. Describe the names of the sugar represented in the following figure.**

A. Glucose, Ribose

B. Ribose, Glucose

C. Glucose, Lacotse

D. Lactose,Glucose

Ans. (A)
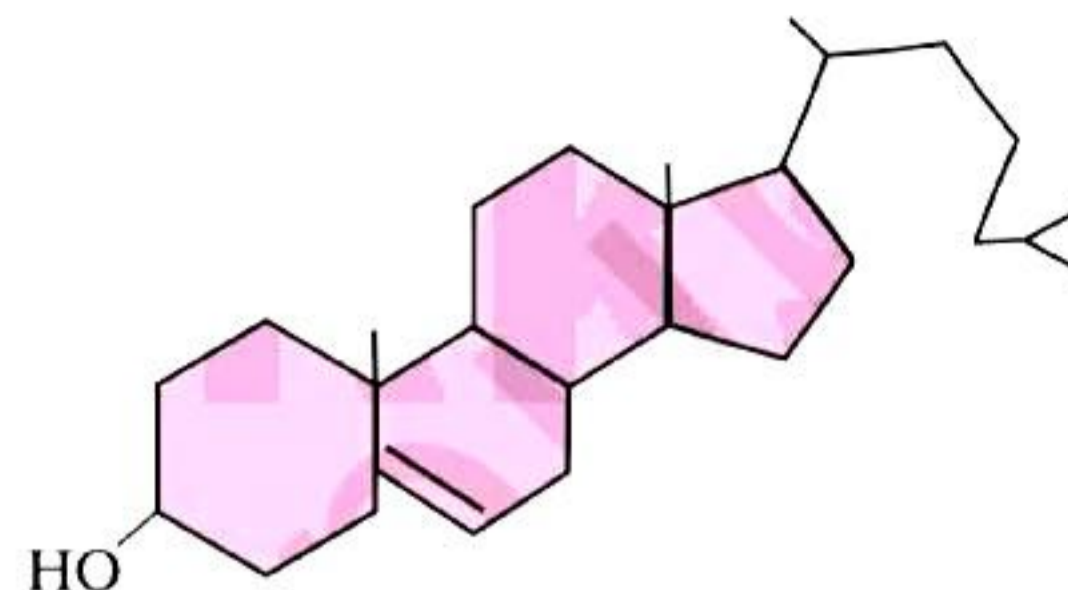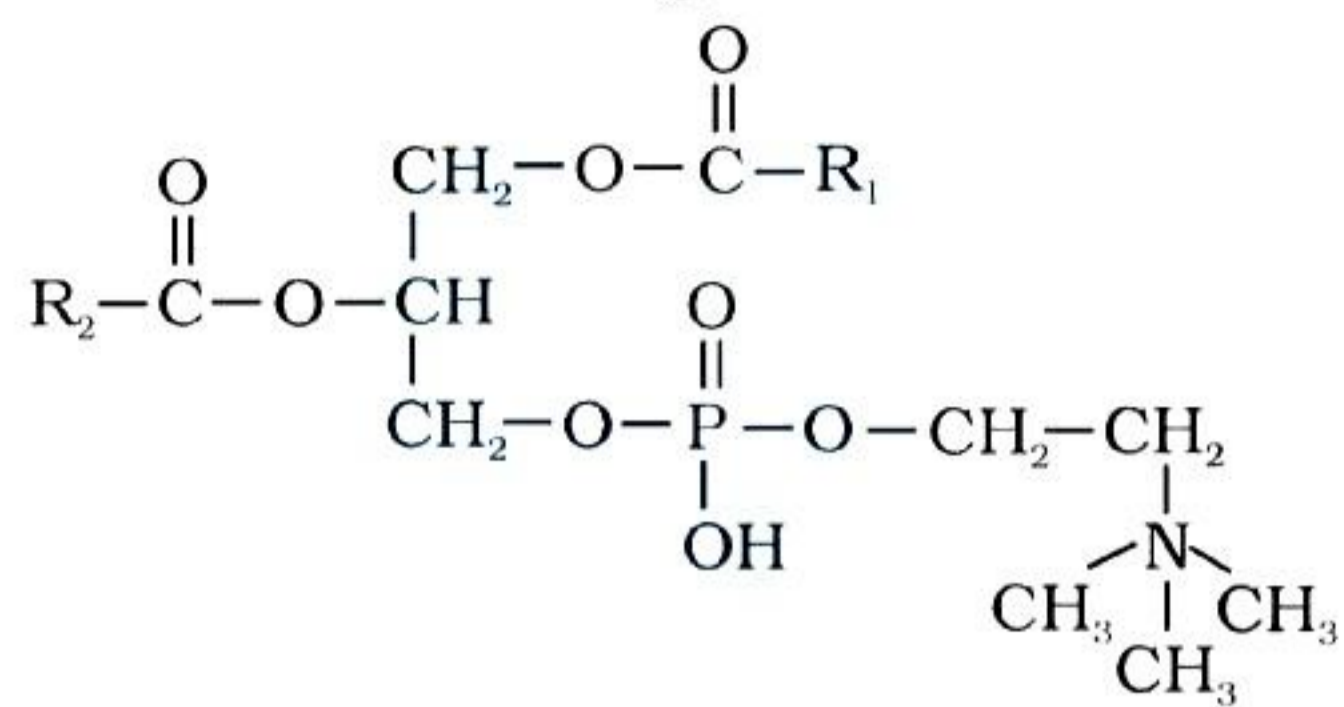
Q2. What structures does the given figure suggest?

A. Carbohydrate

B. Amino acids

C. Fats and oils

D. Nitrogenous bases
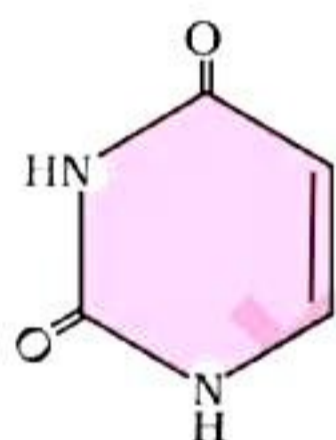
Ans. (B)

Q3. What does the given structure represent?

A. Sugar

B. Amino acids

C. Fats and oils

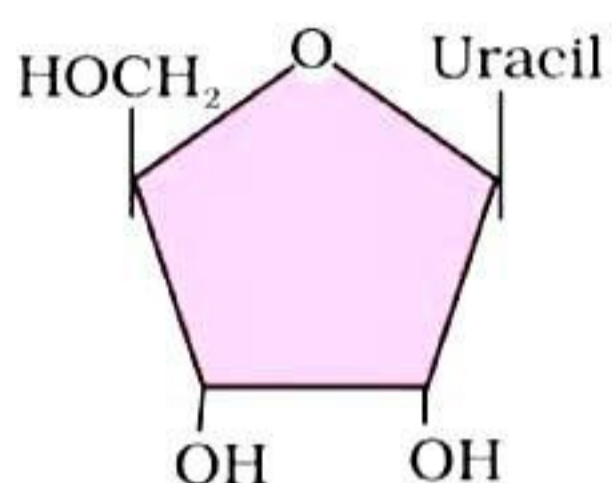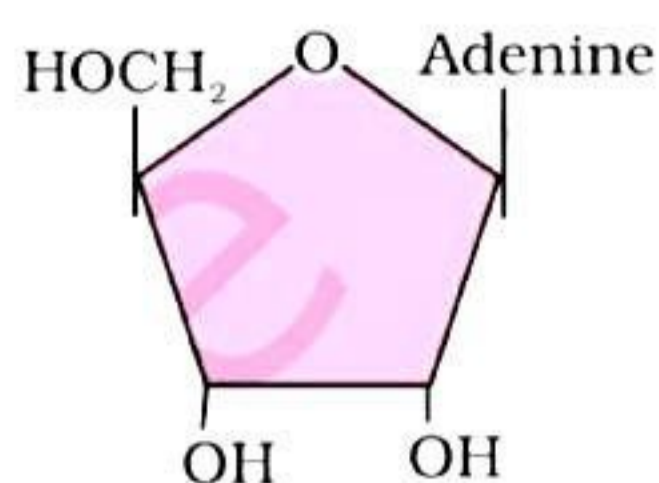D. Nitrogen bases

Ans. (C)

Q4. What does the given figures represent?

A. Sugars

B. Fats and oils

C. Nitrogen bases
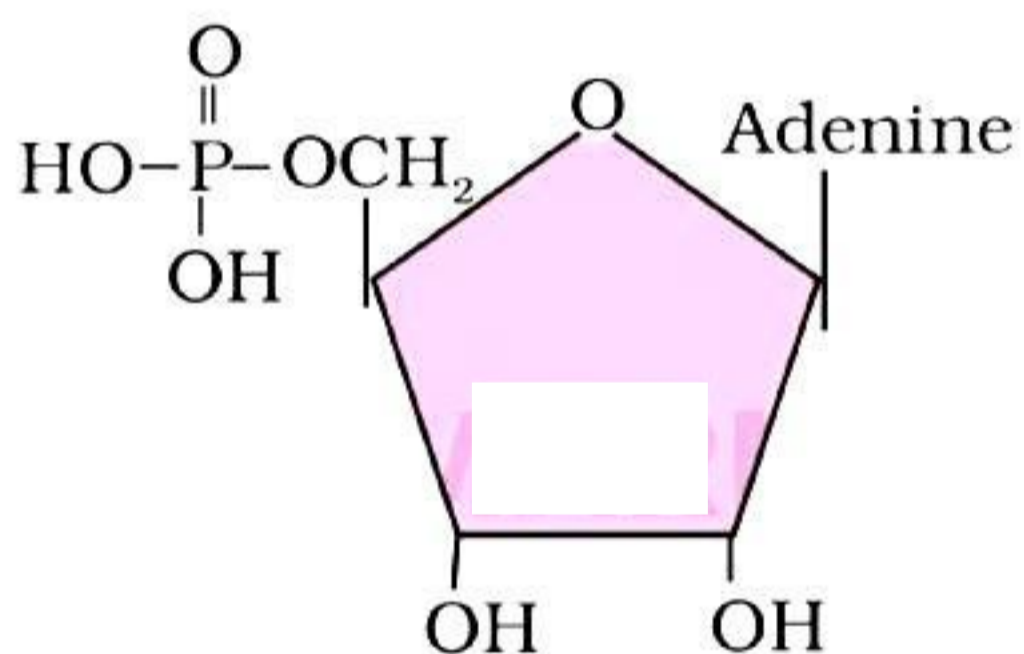
D. Amino acids

Ans. (C)

Q5. What does the given figures represent?

A. Nitrogen bases

B. Nucleosides

C. Nucleotides

D. Fats and oils

Ans. (B)
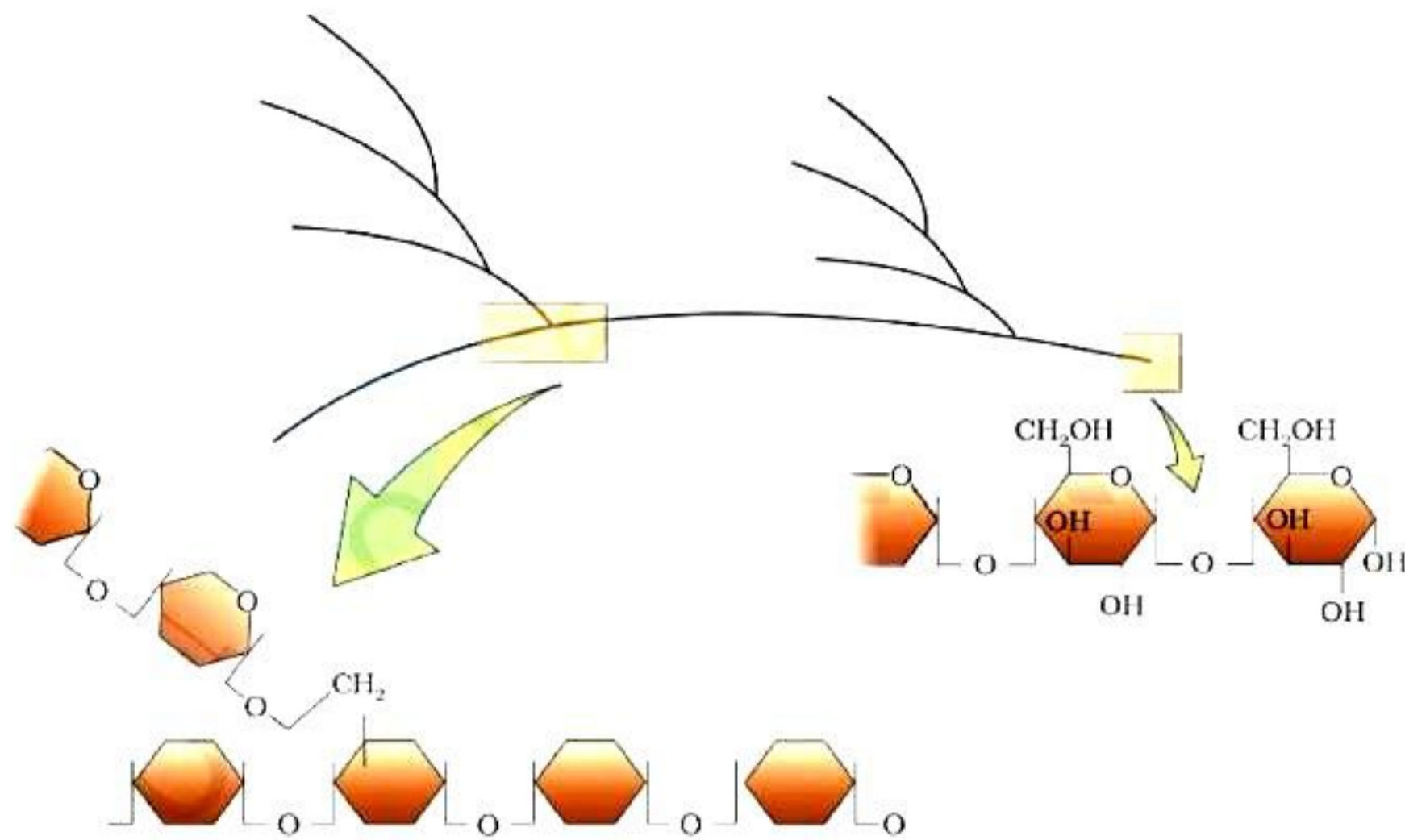
Q6. Identify the structure given in the figure.

A. Sugars

B. Amino acids

C. Nucleosides

D. Nucleotide

Ans. (D)
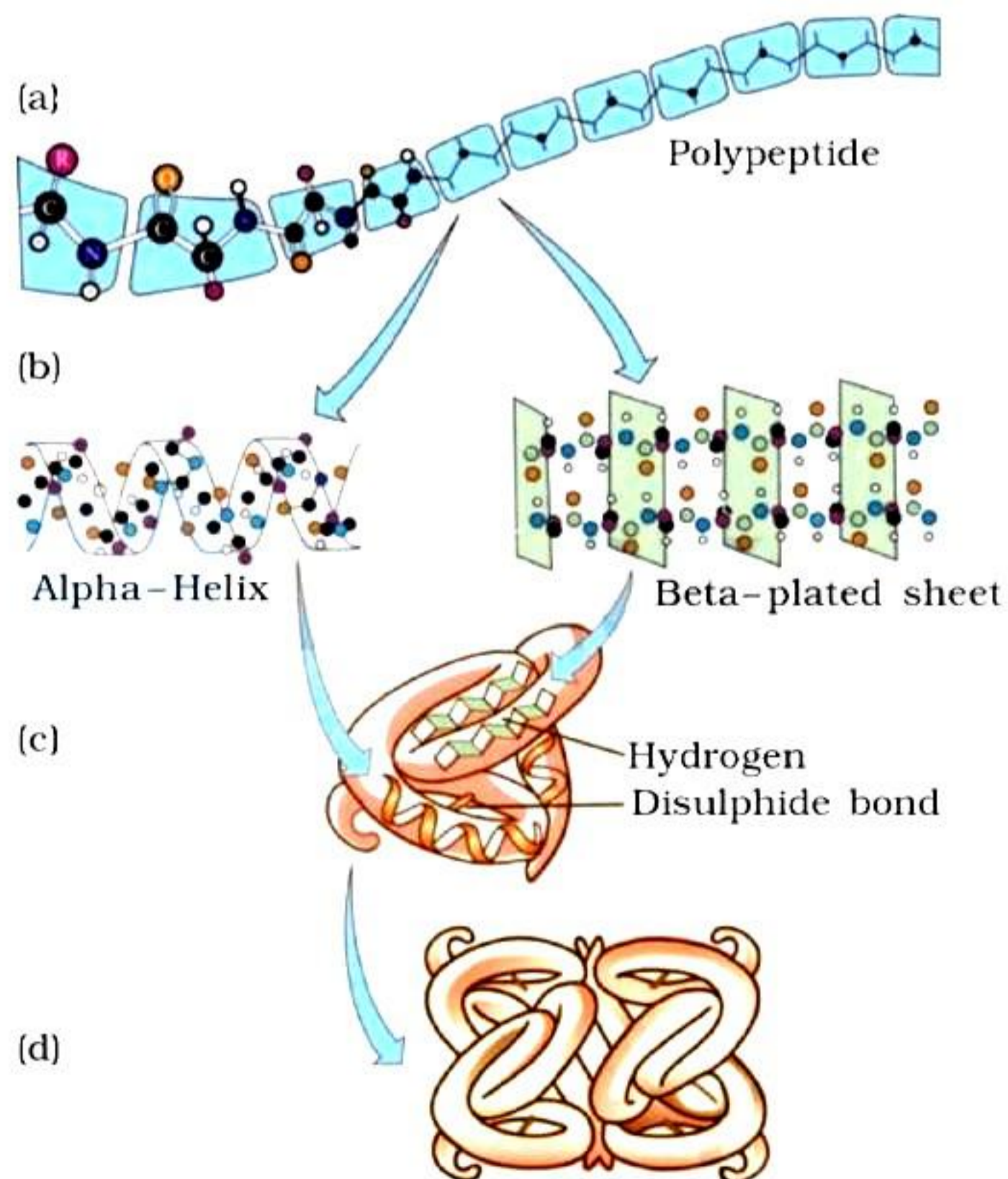
Set – 2

1. What does the given figure represent?

A. Glycogen
B. Collagen
C. RuBisCO
D. Chitin

Ans. (A)

Set – 3

(a) Polypeptide

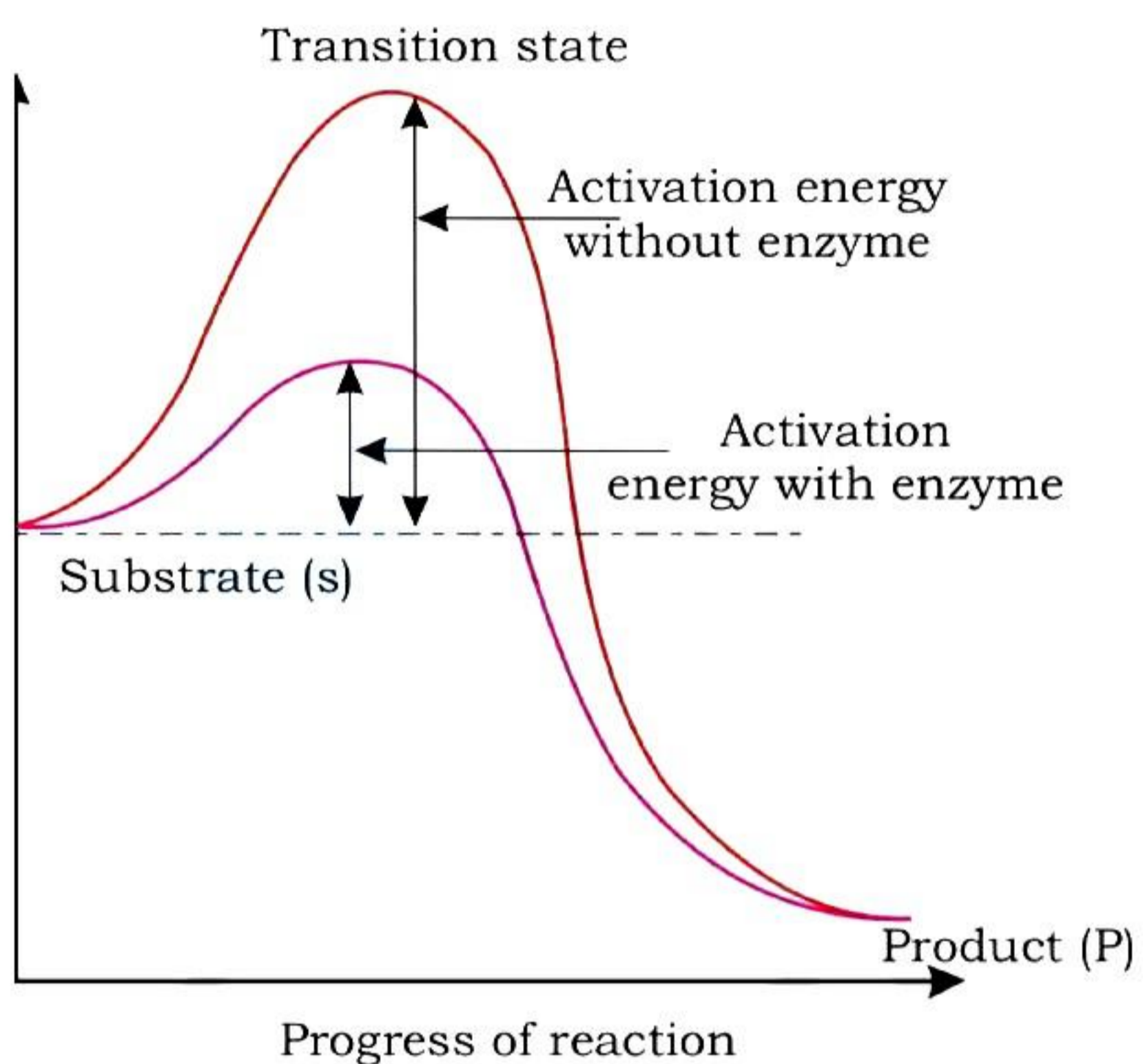(b) Alpha–Helix   Beta–plated sheet

(c) Hydrogen
Disulphide bond

(d)

Q1. What does the given figure represent?

A. Various levels of carbohydrate structure

B. Various levels of protein structure

C. Various levels of Fat structure

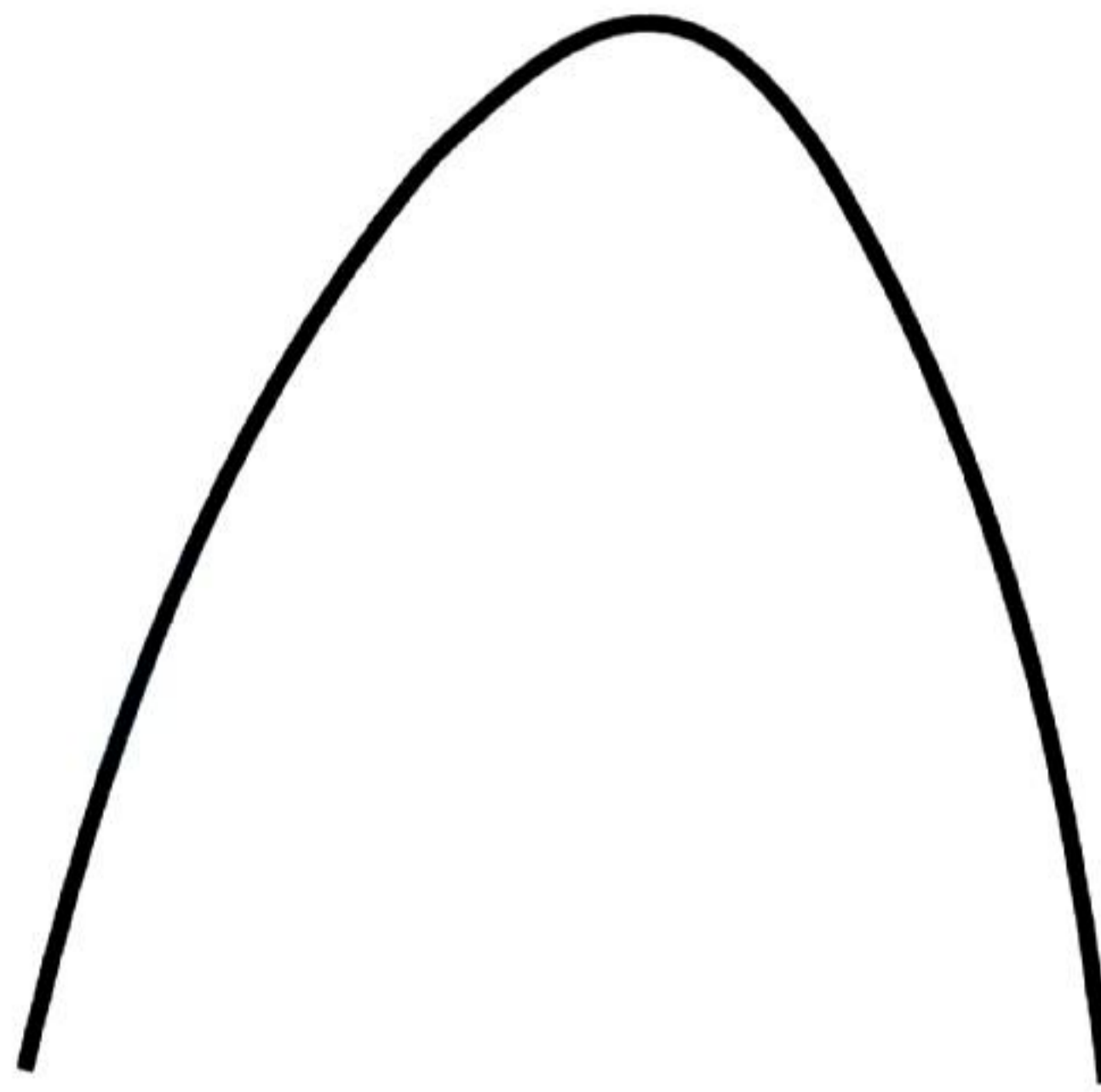D. Various levels of nucleic acid structure

Ans. (B)

Set – 4

Q1. What does the given graph represent?

A. Concept of activation energy

B. Concept of enzymes

C. Nature of enzyme action
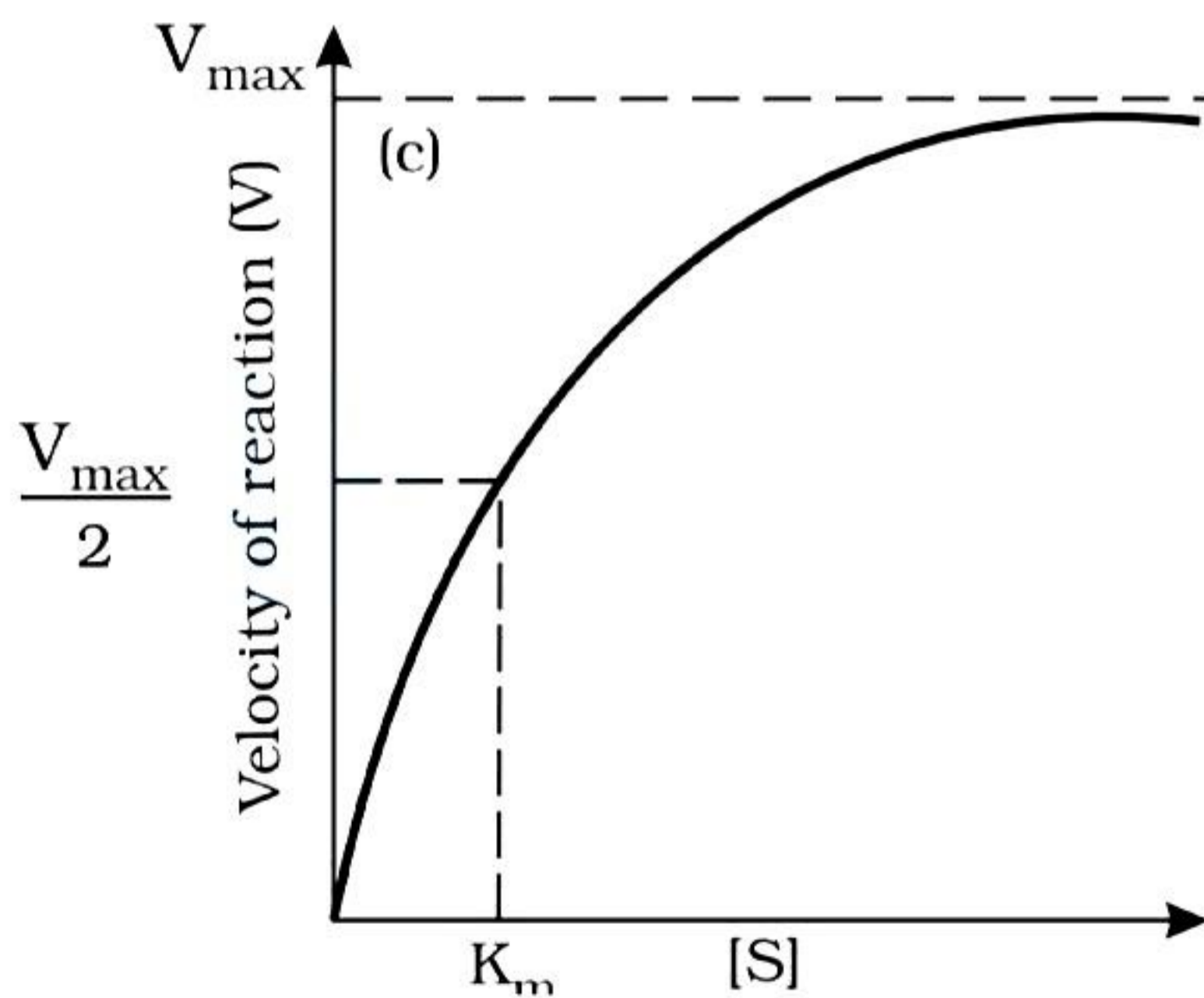
D. None of the above

Ans. (A)

Q1. What kind of graph represents the given figure?

A. Exponential graph

B. Parabola

C. Hyperbola

D. None of the above

Ans. (B)

Q2. What factor affecting enzyme activity the given figure represent?

A. pH

B. Temperature

C. Concentration of substrate on enzyme activity

D. None of the above

Ans. (C)