

PART 1 - CHEMISTRY

Topic : Biomolecules

SECTION-A : (Maximum Marks : 4)

This section contains **ONE** question.

Each question has **FOUR** options (A), (B), (C) and (D). **ONLY ONE** of these four options is the correct answer.

For each question, choose the option corresponding to the correct answer.

Answer to each question will be evaluated according to the following marking scheme :

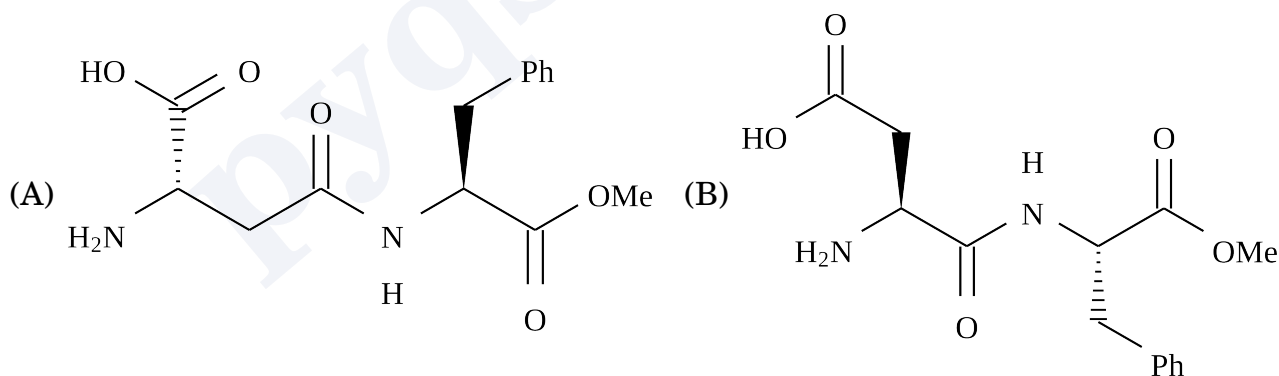
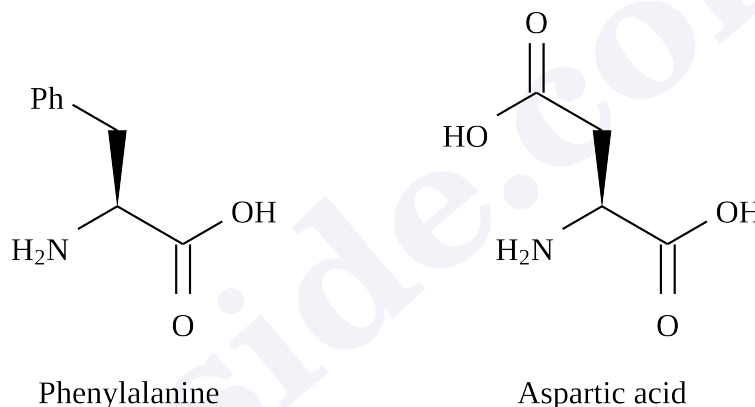
Full Marks : +4 If **ONLY** the correct option is chosen;

Zero Marks : 0 If none of the options is chosen (i.e. the question is unanswered);

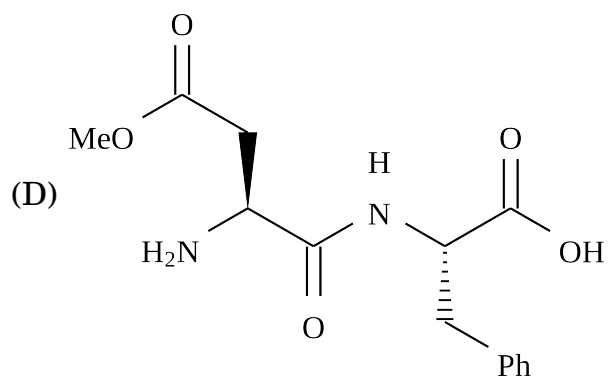
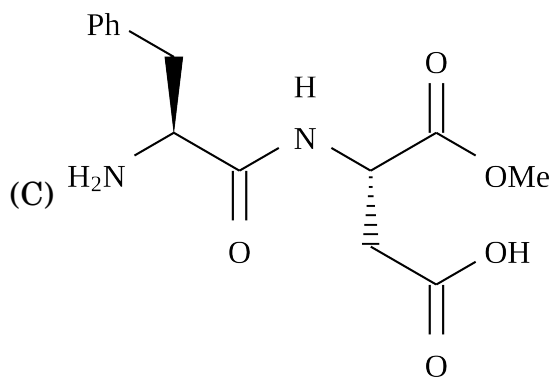
Negative Marks : -1 In all other cases.

1. Aspartame, an artificial sweetener, is a dipeptide aspartyl phenylalanine methyl ester. The structure of aspartame is [JEE Advanced 2024 Paper 1]

Structures of phenylalanine and aspartic acid are given below.



Space for Rough Work



Scan or tap for the full solution



Space for Rough Work

**JEE ADVANCED BIOMOLECULES — PEPTIDE BOND —
ASPARTAME — PYQS**

Test Pattern : **JEE (Advanced)**

ANSWER KEY

SECTION-A

[illegible]