

JEE MAIN BIOMOLECULES — POLYSACCHARIDES — PYQS

Max. Marks: 8
Questions: 2

Section A (MCQ) — 2 questions

Q.1 Match **List - I** with **List - II**.

List - I Carbohydrate		List - II Linkage Source	
A.	Amylose	I.	β -C ₁ - C ₄ , plant
B.	Cellulose	II.	α -C ₁ - C ₄ , animal
C.	Glycogen	III.	α -C ₁ - C ₄ , α -C ₁ - C ₆ , plant
D.	Amylopectin	IV.	α -C ₁ - C ₄ , plant

Choose the correct answer from the options given below :

[JEE Main 2025 (Online) 29th January Morning Shift]

- (1) (A)-(II), (B)-(III), (C)-(I), (D)-(IV)
 (2) (A)-(III), (B)-(III), (C)-(I), (D)-(IV)
 (3) (A)-(IV), (B)-(I), (C)-(III), (D)-(II)
 (4) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)

Scan or tap for the
full solution


Q.2 Identify correct conversion during acidic hydrolysis from the following :

- A. starch gives galactose.
 B. cane sugar gives equal amount of glucose and fructose.
 C. milk sugar gives glucose and galactose.
 D. amylopectin gives glucose and fructose.
 E. amylose gives only glucose.

Choose the **correct** answer from the options given below :

[JEE Main 2025 (Online) 28th January Evening Shift]

- (1) (A), (B) and (C) only (2) (B), (C) and (D) only
 (3) (B), (C) and (E) only (4) (C), (D) and (E) only

Scan or tap for the
full solution



ANSWER KEY

Ques.	1	2									
Ans.	4	3									