

PYQSide

NEET RESPIRATION IN PLANTS — GLYCOLYSIS — PYQS

Max. Marks: 20

Questions: 5

Section A (MCQ)

Q.1 How many molecules of pyruvic acid are produced at the end of glycolysis from 206 molecules of glucose? [RE-NEET (UG) 2026]

- (1) 412 (2) 206 (3) 309 (4) 103

Scan or tap for the full solution



Q.2 Given below are two statements : One is labelled as Assertion A and the other is labelled as Reason R:
Assertion (A): ATP is used at two steps in glycolysis.

Reason (R): First ATP is used in converting glucose into glucose-6-phosphate and second ATP is used in conversion of fructose-6-phosphate into fructose-1,6-bisphosphate.

In the light of the above statements, choose the correct answer from the options given below :

[NEET (UG) 2023]

- (1) Both A and R are true but R is NOT the correct explanation of A.
(2) A is true but R is false.
(3) A is false but R is true.
(4) Both A and R are true and R is the correct explanation of A.

Scan or tap for the full solution



Q.3 What is the net gain of ATP when each molecule of glucose is converted to two molecules of pyruvic acid? [NEET (UG) 2022]

- (1) Four (2) Six (3) Two (4) Eight

Scan or tap for the full solution



Q.4 Conversion of glucose to glucose-6-phosphate, the first irreversible reaction of glycolysis, is catalyzed by [NEET (UG) 2019]

- (1) Enolase (2) Phosphofructokinase
(3) Aldolase (4) Hexokinase

Scan or tap for the full solution



Q.5 In glycolysis, during oxidation electrons are removed by [AIPMT 2004]

- (1) ATP
(2) glyceraldehyde-3-phosphate
(3) NAD^+
(4) molecular oxygen.

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3	4	5						
Ans.	1	4	3	4	3						