

PREVIOUS YEAR PROBLEM

Q1)

Question



Complete hydrolysis of cellulose gives:

A D-fructose

B D-ribose

C D-glucose

D L-glucose

ANSWER

Correct option is C)

Cellulose is a straight chain polysaccharide composed of D-glucose units which are joined by β -glycosidic linkages.

Hence, cellulose on hydrolysis produces only D-glucose units.

Option C is correct.