

Question 1. Glycogen is a branched chain polymer of α -D-glucose units in which chain is formed by C1-C4 glycosidic linkage whereas branching occurs by the formation of C1-C6 glycosidic linkage. Structure of glycogen is similar to

(a) amylose (b) amylopectin (c) cellulose (d) glucose

Solution: (b) Structure of glycogen is similar to amylopectin. It is a branched chain polymer of α -D glucose units in which chain is formed by C1-C4 glycosidic linkage and branching occurs by C1-C6 glycosidic linkage.

