

Choose the correct option(s) from the following.

This question has multiple correct options

- A** Teflon is prepared by heating tetrafluoroethene in presence of a persulphate catalyst at high pressure
- B** Natural rubber is polyisoprene containing trans alkene units
- C** Nylon-6 has amide linkages
- D** Cellulose has only $\alpha - D -$ glucose units that are joined by glycosidic linkages.

Correct options are A) and C)

(1) Teflon is prepared by heating tetrafluoroethene in presence of a persulphate catalyst at high pressure via radical addition mechanism.

(2) Natural rubber is polyisoprene containing cis alkene units.

(3) Nylon-6 has amide linkages. It is fact.

(4) Cellulose is a β -d-glucose linear chain linked with β -(1-4)-glycosidic bonds.

Options A and C are correct.