

Q3 How biomass conversion does take place?

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- ① Direct Combustion
 - ② Thermochemical Conversion.
 - ③ Biochemical Conversion.

a) Direct

- (i) Combustion is the process of burning in presence of oxygen to produce heat light and byproduct
- (ii) Complete Combustion to ashes is called incineration.

B) Thermochemical Conversion

- (i) Biomass is decomposed into ~~the~~ the monomer process having various combination of temperature and pressure
- (ii) The latter may be used as fuel directly or used in liquefaction by converting it to methanol or ethanol or it may be converted to high heating value gas.

C) Bio-chemical Conversion

- (i) Anaerobic digestion.
- (ii) Fermentation.