QUESTION:

The carbohydrates are classified on the basis of:

This question has multiple correct options

A	sugars and non-sugars
B	reducing character
C	optical activity
D	hydrolysis

ANSWER:

Correct options are A) , B) and D)

The correct statements are I, II and IV only.

The carbohydrates are classified on the basis of:
I. Sugars and Non sugars : Sugars are crystalline, sweet to taste and water soluble. Non sugars are amorphous, tasteless and water insoluble.

II. Reducing character : Reducing carbohydrates and non reducing carbohydrates.

IV. Hydrolysis : monosaccharides, disaccharides, oligosaccharides and polysaccharides.

The carbohydrates are not classified on the basis of optical activity.

Option A, B and D are correct.