

CARBOHYDRATES TEST

Name: _____

/30

1. State the molecular formula of α -glucose _____ [1]

2. a) Show how two molecules of α -glucose are linked together to form part of an amylose molecule (show all atoms) _____ [2]

[2]

b) What sort of reaction is this? _____

c) Name the bond which links the glucose molecules _____

d) What other chemical is produced? _____ [1]

3. Name **two** examples of each of the following:

Monosaccharide _____

Disaccharide _____

Polysaccharide _____ [2]

4. What is a hexasac? _____

[1]

5. Name the bond found in amylopectin but **not** in amylose? _____

How does this change the structure of amylopectin? _____

[2]

7. Give **two** advantages of storing carbohydrate as starch rather than glucose

a) _____

b) _____ [2]