**Carbohydrates**

**1.**



Which of the following terms correctly describe(s) the molecule above?

I. Monosaccharide

II. Glucose

III. Component of triglyceride

A. I only

B. I and II only

C. II and III only

D. I, II and III

(Total 1 mark)

**2.** What is a role of carbohydrates in animal cells?

A. As channels for passive transport

B. As enzymes

C. As energy storage

D. As components of the animal cell wall

(Total 1 mark)

**3.** Which molecule represents ribose?



(Total 1 mark)

**4.** Outline how monosaccharides are converted into polysaccharides.

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(Total 2 marks)

(a) Outline the role of hydrolysis in the relationships between monosaccharides, disaccharides and polysaccharides.

**(4)**

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