**Task 5: In your books, you won’t have room here!!!**

**Show how a disaccharide, in particular Maltose is made and broken down condensation and hydrolysis reactions respectively.**

**Produce a step by step guide to the process highlighting any important molecules (water) that are produced or used in the process.**

**(20 min)**

**Extension: answer the questions from the text book 1-3 Pg 93**

**Task 4: Isomers of Glucose α and β draw the full structural formulae of each type of glucose into the boxes highlight the differences in structure (15 min)**

Copy the structural formulae for each form of glucose into the boxes

**Task 3: 2 forms of glucose: CHAIN (5 min)**

**Task 3: 2 forms of glucose: RING (5 min)**

**Part 2: Groups:**

**3C sugars =**

**5C sugars =**

**6C sugars =**

**Part 1: Properties of monosaccharides:**

**1.**

**2.**

**3.**

**Task 2: Simple Sugars – Monosaccharides (10 min)**

**Task 1: State the 3 functions of carbohydrates in the human body (10 min)**

**1.**

**2.**

**3.**

**Extension 1:**

**What are the three elements contained within a carbohydrate?**

**Extension 2:**

**What other larger molecules do carbohydrates also form?**

Biological Molecules – Simple Sugars