

10- sinf Kimyo IV chorak 8-BSB

Javoblar + yechim

Bob	Mavzu	Baholanadigan ko'nikma	Namunaviy topshiriq	Ajr atil gan ball												
Uglevodlar.	Polisaxaridlar. Kraxmal. Sellyuloza	Kraxmal va sellyuloza molekulasini aniqlaydi va farqlaydi	Kraxmal va sellyuloza molekulasi o'rtasidagi bitta o'xshashlik va ikkita farqini yozing.	3												
Uglevodlar. Monosaxaridlar	Uglevodlarni optik izomerlarni aniqlay oladi	Uglevodlarni enantiomerlari bilan muvofiqlashtiring.	<table><tr><td>1</td><td>$\begin{array}{c} \text{CHO} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{CH}_2\text{OH} \end{array}$</td><td>a</td><td>$\begin{array}{c} \text{CHO} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{CH}_2\text{OH} \end{array}$</td></tr><tr><td>2</td><td>$\begin{array}{c} \text{CHO} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{CH}_2\text{OH} \end{array}$</td><td>b</td><td>$\begin{array}{c} \text{CHO} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{CH}_2\text{OH} \end{array}$</td></tr><tr><td>3</td><td>$\begin{array}{c} \text{CHO} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{CH}_2\text{OH} \end{array}$</td><td>c</td><td>$\begin{array}{c} \text{CHO} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{CH}_2\text{OH} \end{array}$</td></tr></table> 1. _____ 2. _____ 3. _____	1	$\begin{array}{c} \text{CHO} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{CH}_2\text{OH} \end{array}$	a	$\begin{array}{c} \text{CHO} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{CH}_2\text{OH} \end{array}$	2	$\begin{array}{c} \text{CHO} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{CH}_2\text{OH} \end{array}$	b	$\begin{array}{c} \text{CHO} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{CH}_2\text{OH} \end{array}$	3	$\begin{array}{c} \text{CHO} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{CH}_2\text{OH} \end{array}$	c	$\begin{array}{c} \text{CHO} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{HO} - \text{C} - \text{H} \\ \\ \text{CH}_2\text{OH} \end{array}$	6
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2. _____
3. _____

	Polisaxaridlar. Kraxmal. Sellyuloza	Polisaxarid, kraxmal, selluloza mavzusidagi masalani bajara oladi	40,5 g kraxmalni gidrolizlanishi natijasida 36 g glyukoza hosil bo'lgan. Reaksiya unumini (%) aniqlang.	8
	Polisaxaridlar. Kraxmal. Sellyuloza	Polisaxarid, kraxmal, selluloza mavzusidagi hayotiy topshiriqlarni bajara oladi	Sellyuloza nafaqat o'simliklarning asosiy tuzilish qismlaridan biri, balki atrof-muhitni himoya qilishda ham muhim rol o'ynaydi. Sellyulozaning ekologik foydalari haqida tahlil qiling va uni qog'oz ishlab chiqarishda qanday ishlatilishini tushuntiring.	5
	Uglevodlar. Monosaxaridl ar	Quyidagi topshiriqlar orqali uglevodlarni kundalik hayotdagi qo'llanilishi haqida chuqurroq fikr yurita oladi.	Sodiq sport zalidan chiqqach, energiya tiklash maqsadida shirin ichimlik ichdi. Ichimlik yorlig'ida "glyukoza" va "fruktoza" borligi yozilgan. U ushbu ichimlikda haqiqatdan ham bu moddalar borligini tekshirishni xohladi. Laboratoriyada qanday reaksiya orqali ushbu ichimlikda uglevodlar (glyukoza/fruktoza) borligini aniqlash mumkin? Reaksiyani yozing va natijani talqin qiling.	8
Jami				30 ball