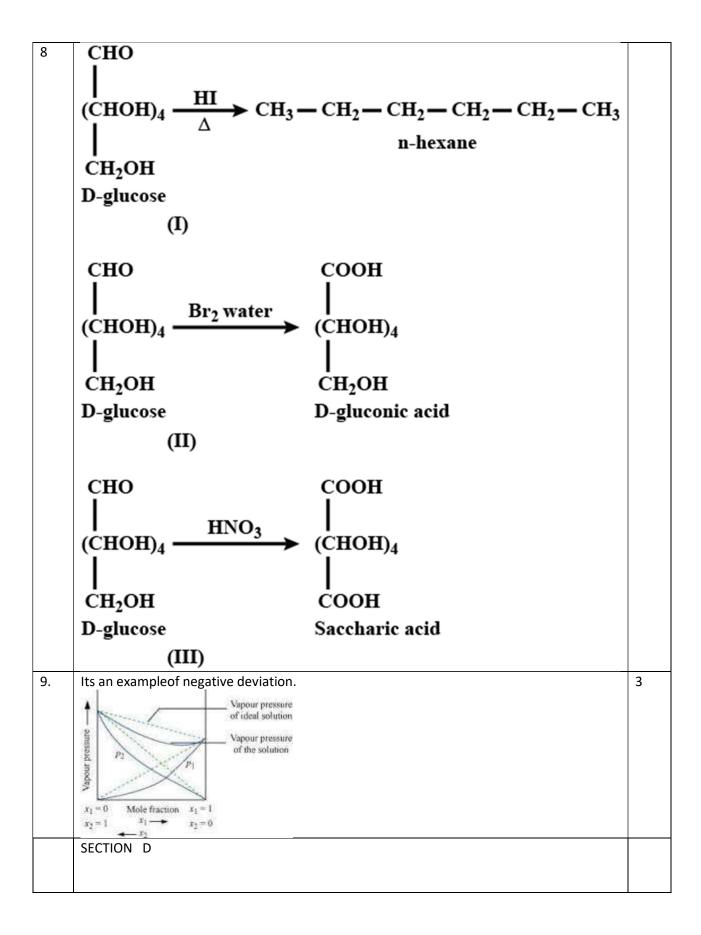


GRADE 12 MS

## CHEMISTRY MARKS: 20

	SECTION A	
1.	b. sucrose	1
2.	d. molarity	1
3.	b. temp increases K H value decreases	1
4.	b. pentose sugar+base	1
	SECTION B	
5.	When sucrose undergoes hydrolysis (dextro)it converts to glucose (+52.5 0) and	2
	fructose (-92.4 0) and the solution becomes laevo	
6.	M=Wbx 1000/Mbxvol	2
	M=4x1000/ 60x250 Molarity =0.26 M	
7.	According to Henrys law solubility of a gas in a liquid is inversely proportional to	2
	temperature.So more amount of oxygen gets dissolved in water.	
	Solubility proportional to 1/temperature	
	SECTION C	



10.	a. Vapour pr decreases	3
	b. solvent	
	c.It will form an isotonic solution so that no bulging or shrinking of cells happpens	