Q2 (PART B) General Instructions 1. Give numbering to headings 2. Do not write lengthy hen paragraphs. Write medium sized paragraphs with headings. 3. Do not use table for 4 hydrogen ntrast neutron comparison and co 2 questions. general formula 4. Draw figures/diagram/flowchart Cm(H20) where needed and "" on 25. Start new question from tresh Aftered e pageles at canbabydrates 36. Write unit of the answer in tose, bility section ur asre . Explain mathematical step and the reasoning to better score y drata 8. Change colour scheme for eterences to give them more arfferent clags Managertime wentbed yalon tes as 10. Wille page borders are chriddes, Maiscouraged. Should be seaharrides areasonable of scarrieles 11. Avoid writing wrong Meterenceshrides **a**) 12. Give more weightage to mplest forexpressedly asked parts of the at connot question.

Le hydrolized They just have and moleaule with the general pormula ay cn(H2O) For example : Guiase, frutose de 1 Dhigoachrides: These are the sugar malecules which releases 2-10 monomers on hydrolysis The lenght ap carbohydrates depend upon marber og carbon present under at canbon the targer the malearle a) Disacrides: These are the maleades which releases two menaners under hydraelyses under and have general formula En(H20), Tor example survese, lactose and maltose General + fructose Sucrose Unease + Caloutose Lactose - ulucase + ulucase Maltose b) Triscarrides. These madelules ean release three monomers an

Adralysis and have general formula Cu (H2O)n-2. Polyscarrides: These are the malades which relegious more than 10 mono mers under hydrebys They have very long chains and and have high at carbon and have high melting and toiling points. The general formula for polysionsides are (C2 H 05). For example starch and fell none. Conclustion: a Dicacride. there canbolydoates are the Instant source af energy which give 3-9 colosies/grow Different Types af carbodydrate are whiched by the bady for proper finitioning.

Q2 (PARTA) Circulatory system: centralatory system helps and central the flow at blood throughout the boady to transport throughout the loady any purched. blood Fito the body Heart plays a major vole The the bloced circulation Heart: Heave pumps around two gallons at flood por day in the bady. It plays on major rate for coxygenated pload supply througheast, the bady. superfor ca 1 Aorto 2, Polmunany. atery Palmanny Regent - Brenpid value artitury - left Atomin Branpig -Reent nentricle neutriche Septem HuferPax

The pathway af cirmlation: 9 af blood init of the side malinal 4 Atstun Tricupt d Superhor vena Dava Unfertair viena gava. Fulmanary. Pulmanary Right Artery. Valve. Right 10 langs -> Pulmanany ver -> left Atrunventstele left nentrelle E Bioupid value & 6. Aorta Nalive -> Aurta -> body Oxgenated and decergenated (Mood: a) Human weart have four chambers It rectaries decoxygenetied stood at the right side of the heart and gerggeneited blood at the best side On the bases of systemetre and pulmonary hourd corailation, beart supplied the blood C

Q2(d) fiver : - liver tate lever is rendallish brown, 2nd largest Puternal artan In aur foody. halfladde Human lever cansist at three laber bill gute Panereause release whitch is helpful 2n faud dryestion Functions Of liver: a) Detuxification: It can detaxify harmy chentrals which are present In all bady Storage 6) Convert It som store and grycagen Estored form at Sugar In human bady in ghuase. Modification proteen modepecation.

d) Breakdown. and cankoly drate Ento the simpler instance. c) tryme production: He stomach. Fund Fridad Of Lives: Detoxification; Charal?