Balanced Diet Mention the full qs statement for Definition: proper evaluation. Without that cannot iust notes and are AII-- ubre retwarded marks the essential body use called Toy. Juman a diet if in right (Ravanced Kon Honounts nutrients thoro various individuals, because lifestyles, muities depends notivid al age Balanced contains organic diet arbo-hydrates, vitamins nutrients ipide), dietry fibres proteins, ano like 15 Minerals Hin inorganic nutrients bohydrates Carbohydrates are the organic compounds which contain the elements Carbon, Hydrogen and oxygen, while arbonators and hydrog is hydrog 1 is Classification: are three types of Carbohydrates. There Disaccharides Polysaccharides Monosacchavides=

Monosaccharides:-Glucose is the most important example monosacicharides Monosaccharides sually. consist of 6 carbon atoms Glucose has the formula CottizD6. Other Monosaccharider are Galactose, Fructose etc Glucose is no simplest form carbohydrates. Simplest mean quickly digested and absorbed sugars, honey and fruit Juce. Disaccharides: Draw the structures -as Disaccharides are formed by the combination of two molecules Monosaccharides through condensation process. Some Implant examples Disaccharides are Sucrose, maltese lactose (Milk spgar). Polysacchrides: E Volysaccharides are consists of of Monosaccharides combine together through condensation process is important examples are starch glycogen and Cellulose • Starch - Starch is very important, polysaccharide. Finimals store food in K

the form of starch. • Glycogen:- Tt is reffered to as Dnimal starch. • Cellulose - Fl natural fibre found in plants, giving them structure and strength. functions: Carbs are essential for -1- Proper working of numan Brain, and vital organs 2 Sources of energy. 3. Important role in the formation of DNA and Subricants. 2 Source of 3. Important 4. Main Source of energy, Source: 1- Wheat Dats 3_ Sugar 4_ Vegetables 5_ Dairy Products Excess: 1- Obesity Deficiencys Opposite of all functions.

eins Proteins are complex organic compounds, containing elements like Carbon, Hydrogen, Orygen and nitrogen, while sulphur and phosphorous may also be present. Proteins are the most complicated substances on constituents of food. Proteins are made up of units known as amino acids. Functions: 1_ Build & repair tissues. 2. Produce enzymes & Hormones. 3_ Maintain Fluid Balance. 4- Regulating Motabolism 5- Support comune function. 6- Maintain cell shape is Structure. Sources??

Lipids Lipids are a type of Organic compounds that is not soluble in water but saluble in organic solverits. They are an important component of all living cells and play a writery of roles in body Framples of lipids including: Trigly cerides (tats and oils). Phospholipids (cell membrane components). Steroids (cholestral, Hormones). tunctions : 1- Upids are a concentrated energy source, storing twice as much energy as carbonhydrates or protein. 2- Hormone production and regulation. LECCECECECEL LIGEL 3- Lipids can act its signaling molecules, influencing cell behavior & communication. 4. Lipids in the skin and other tissues provide protection is cushioning against external factors. 5- Support immune system. Fats & Oils: The difference between fats and oils Dies in their state. Fats are solid, while oils are liquid at 20°C room temperature,

Fats in animal bodies are called saturated fats, these saturated fats are accompanied with a fatty substance called Cholestrol. Forts of plants are commonly unsaturates fat Add more details .1 ,