Date:\_\_\_ - (l#2(a) Lipids " Lipids are naturally occurring Osfanic compounds. lipids provide 9. V calogies per gram The basic soid of ligids is tigliquestes there are present in Goods and body the other cla They contain fally acids and flyerd. The offer class is phospholipide. They are present in animals and plants They contain fatty acids, dycerol, low molecular weight alcholol Types of lipids: Saturated fate: These are solid at room temperature and also known as solid fals. They are persent in animal foods (milk, cheese meat), food made with butter. They cause high

Day: Date: cholesteral level in body. Isans fats: They are changed by a process known as hydrogenation. They are solid at room temperature. This process hake them harder at room Temperature. They cause high cholesteral level They are present in processed foods like cookies Unsaturated fols. They are liquid at Temperature. They mainlain the cholesteral level. They are of live lypes: monosaturated fate and polysaluated fats. Types of lipids Saturated fats Trans fats unsaturated fats

Date: Day: Functions of lipids: Source for fat soluble vitamins Regulate Deficiery of lipids trees of lipin High choleteral level Date: Day:\_ Human Nervous System Nervous system consists of Nervous System System (CVX) Central Nervous System: y conal Hypothelamus Hippocampus Am procesing center. It receives and sends inform to PNS. Brain: Brain has 3 parts Forelesain Date: Day:\_\_\_\_ Thalances receives information from 5 senses and send lo limbeic system. Limbeic system control thrist, hunger, long term memory and emolions Careloquem is the large part of lorain It is associated with thought and action Midbrain connects fore brain and hind logain. It controls The reflex and movement of eyes. In Hindbrain medulla oblanjata controls heart rate breathing, blood presure Some control eleep eycle and cerebellum controls body balance posture cerebrum Cranium Human Brain

Date:\_\_\_ Day: Spinal cord: There are the boundle of nerve tissue, extends from lower part of brain down through spine Various nerves branch out Through entire body which forms The PNS Peripheral Nervous System: Sensory cells Motor cells Sensory cells. Sensory cells carry Motor cells carry signal from CNS to internal organs Molor celle contain somalic cells and autonomic cell 1) Somalic cells (cassy message · Sympathetic · arasipopathelic division (Increases bod functions) MTWTFS

Anti-oxidants fight against These fee radicles. Free radicles faused because of cigarette snoke, sun, drinking alcohol and large amounts of heavy metale to minimize their effects anti-axidante ase taken Unti-oxydents include vitami F. C. A. Zine, Iron, selenium How do anti-oxidants work: Anti-oxidents donate election to kee radicles. These free radicles are converte into pairs which nucleatize Their harmful reaction Examples of anti-axidents Butylated Hydroxy Anisole Butylated Hydroxy Toulence

MOWTES Propyl Crallate thati oxidents are p several food rich Contain vi mineral are sice anti-ordente. For example gaper, blue-buries, grien vigetables and nuts. Difference between Eukaryolic and Prokaryolic Eukaryotes and prokaryotes are similar in cell memberane cytoplasm and DNA enkaryptic and proharyptic celle

MTWTFS:	
Prokaryotes Eukaryotes	
Prokaryotes has Eukaryotes have	
no nucleus nucleus.	
Propagate for Enhangeles have no membrane bound bound organilles organilles organilles	
no menterane membrane bound	
Cound organelles organelles	
emaller and layer and	<u> </u>
simple and layer and	
simple complex.	
In prokaryotes, In eykasystes,	
DNA is floating DNA helds within	
feely around its nucleus.  The cell.	
The cell.	
They divide They underso	
ly binary milosie	
ley birary milosie  fusion.	
Example: Example: animals,	
Example: Example: animals,  Bacteria plants, fung:	

