DATE 14th May,23 DAY IVES de General Knowledge - I General Instructionscience 4, Ability Part-IL Give numbering to headings
Do not write lengthy paragraphs. Write medium sized paragraphs with headings. 3. Do not use table for comparison and contract questions. Give smalthe structure paragraphs with Aheadingshipsteads parts. 4. Draw figures/diagram/flowchart/map in every question. 5. Start new question from tresh page AR CANAL 6. Explain the steps in your mathematical calculations. 7. Do not forget to write the unit of your answer while attempting mathematicsAC HIAN TUBE questions. 8. Do not use lead pencil. Only blue amd balck colours are allowed. INNER MIDDLE OUTER EAR FAR Do not use lead pencil. HUMAN EAR :-Human ear is the organ of hearing and equilibrium. three major - OUTER EAR / EXTERNAL EAR:-Outer ear consists of

DAK H is the external part of the car. It is where sound waves interacts with the eas. a. Pinna: External auditory canal: It is a canal located right ater pinna. It is the passage for Isound waves. c Ear Drum / Tympanic membrane: After the auditory canal lies the ear drum or tympanic membrane upon which sound waves hit. The eardrum vibrates from the incoming sound waves. ii. MIDDLE EAR :-Middle ear consists of three tiny bones or oscicles, which increases or amplify the sound vibration. These bornes are; a Malleus 6 Incus c Stapes III INNER EAR:tollowing main parts.

DAY DATE a. Semicircular Canal: Semicircular canals contain huid that keeps the balance ou body b. Vestibule: This part of inner ear is canal and helps in the body position. aintainance of C. CDchiea: t is the priet ear which con waves into the these impu lses ay ansmitted through audit nerves to the brai Eustachian Tube It is also the part of ear that equilize air pressure between the atmosphere and he middle equ.

DAT ts? Write down different es of yat. are also called fatty These are nutrients tranDort en vitami organs hody 21 the CA ause remaine a sources of at s 900 k, meat, fish, of Deficiency: depicience car cause the nsulation weater an a stem Excess: the excess of fats in the the can cholestrol:

DAY DATE TYPES OF FATS=-There are your main ty tats. MAR . 1- MONOSATURATED FATS: help to maintain healthy cholestiol levels. 11- POLVSATURATED FAT These an also healthy fats. They supply omega-3 and rega-6! Body can't make nutrients on ots ocun. 111- SATURATED FATS. These are unhealthy fats and can raise bad oil bool IV TRANS FATS:-Trans tats are unhealthy and are worst to body. trues of transf. our diet Course heart disques

Why mitochondria is called the power house of the cell? INER MEMBRANE CRISTAE MATRIX OUTER COMPARTMENT MITOCHONDRIA MITOCHONDRIA:-Mitochondria are membranei that Ionno II 2l cell's Devoto s. Chemical ronicti Ochemi produced by the ray is pondria is stored in a malecule called adenosine ipposohate Powerhouse of the cell: Vitochondria are involved leasing energy from good. This Cellular aless is as mun pration. It is for this reason at these are called power ho of the cell. Cells that need a lot a

DAR DATE cells, a 0 ce m energy ton Di 20 mat molecule UPPN 36 ATP. Food Deterioratio in Pakistan d. FOOD DETERIORATION . ind deterioration 3 Proa CONS 610-70 rest microt mica 0 Ilt DXCC is considered Food when an undes cdorg flavall, og the fexture, his occured FOOD ADULTERATION: -• is the act of intent ising the

DAT: DATE either adding or replacing 04 760d remova omponents ad callse main becael existation adding adutter-A of the the quality reduce pool is Measures in Pakistan:-Anti-adulteration ter hae in various parts of nenacecountry t Existing mechanism 960 Food Ordinance Ne officers under DCO otified Strategy: and support tood ration of districts tmonts rainers allning of ma tric rosmation sharing with district ter hisin Juldane tool

