NO#2 Increase length Add more headings DP-28 adrams held in UAWork Lerence of Parties (COP) is ho year to discus issue imate change and to hell som Recently COP 28 held in UAE Ats basic agenda was funds for the appected countries saire Key Features: und discuseer COP28 the developing countries the to Dai -orm ho G Cunde amaje Pakistan artrier evelopin live 0.58% 5 centributed ~ emissing, but the careport climate ine brant o disasters al counties A Therefore, the lti-national kong with mu umpani 2 ledged have aid 100pn a 100 nage fund. placed was US.O to Provido =) the piyrol IN 005.0 dept.

in pastructur . Debts in the form 0 building. Subsidies were debts related given. on disnate change to

J Solid Waste Management: 6) Solid waste management is trasfer of golid waste the from collection to recovery phase and ultimately to the disposal and point Steps: · Collection of solid wante solid waste at the Kecovary of transfer poin Disposal of solid waste

Methods of Solid waste Management 2 Land filling: Land filling is the method in which solid waste collected from the generation point is loaded and throw away at the location face away from the cities 9t is considered to be a dangerous and harmful method, as it increases the pollution. 2 gncineration: Incineration is the method in which the waste materials are buened in an aleq fal away from the cities. 9t also increases the hainful gazes in the environment. Lomposting: Compositive is the method in which a dig is made in the land and waste is filled in it. 9t is good option for the organic waste Beac

it is decomposed with time. c) Balanced Diet: Balanced diet is maintenance omponents of food according to the requirement of the body. Components of balanced diet The main components balanced diet acconstrients itronutrients ĩì) Macronucrients: Macromitricate an those which are required in large nantities for optimum growth, energy, and development of body. Types of Macronutrients! Carbolydrates 60-70% Proteins _ 20-25' Fats a lipids - 5-10%

Caeporty drates constitue the largest part of macronutrients. Almost 60-70% of calories are fulfilled by calpaling doctes. =) Proteins comprised of 20-25 of energy calories and it is important for the growth and development of hody. =) Fats and lipids comprised of 5-10% of energy calories and it is evential for the health. of various organs Micronutrients: Micronutrients are those which are required in very small quantities but are essential for the growth. Types of Micronutriends: i Vitamins 0 Minerals. ii) =) Vitamins are important for the various processes of body.

They are of two types i.e. fat soluble and water soluble Minerals de also important and they aid in absorption of various vitamins. Benefits of Balgneed diet: Balanced diet is essential for proper functioning of body =) Optimum growth and development of body is achieved. Health of organs i.e. heart brain remains optimum =) People taking balanced diet remain fit and active d' Renewable Energy Sources: Renewable energy sources are those which can be replanished nafter continuous use Example: Hydal energy Wind Energy Salar energy.

China-Paleistan Economic Corridon China - Pakistan Economic Louidor Started in 2013 . Decentley the project has completed To-years in 2023. the threat of climate change, as counteies have started converting to renewable energy sources Palistan has also started its struggles in cooperation with thing PEC i) Solar Power plants: 90 cooperation with Ching, Pakistan has for nine solar pomer plants in different regions. - Godani-Solar parte - 600 MW - Quad-e-Azam Solal park Bahawalphe - 900MW i) Wind power plants, Wind power plants converts the mechanical energy into electrical energy:

Almost four wind plants are planted in Sindh. Jampir Wind power energy project - 868 MW. Hydal power: Hydal power is the generation electricity from water. Jehlym-Neolum Hydal power project - 969 MW - Sulei kinge power project - 868 MW. =) Debts in the form of inprastructure building. subsidies were given on repts related to disnate change

General Science And Ability QNO#3:-Selerar : Different parts of the Eye Eye is the sensory organ of human body which helps in visiglizing the objects. scleren ous hum Comea oplienewe. aqueous · cone & rods 9113 pupi Retina Retina: . Retind 19 the most scusitive part of the eye. It contains the rods and comes which converts the lights rays in color visualization Corneal Cornea is the outermost covering on the front side of eye. The light which enters the eye first was all.

interacts with comeg. 9+ helps in bending of light Scleigi Sclerg is the outcomost layer of the eye of the backside It is The white part of eye which aids if in protection of eye 9 risi Is is layer outer to the pupil 9t helps in transmission of light lags and their bending. Do Brow Aqueous and viterous humor Aqueous humor is the fluid present in the anterior part of the eye while . while viterous humar is present in the posterior part of the eye. These are the nutrient-eich fluid which provides nutrition,

protection and lubrication. Pupil: ter replochion The light rayers a m the form their image pupil Optic Nerver The new supply of ey through optic nerve. - 91 transmits the mersage from eye to the brain which helps in identification of objects Correction of Far-sightednes: Far-sightedness or Hyperopiq is the undition in which far objects are seen clear while year objects are bluereage 9+ is corrected through 2) the usage of convex lens. In advanced stage, it corrected through LASEK and LASIK Lasier surgeries

correction of near-sightedness: Neal-sightedness or myopia is condition in which near objects the seen clear while far objects b lugsed all t can be corrected through concoure lears which ullps in the formation of limage the retina Advanced cases are treated through lase sugares

Working of Kidney: Ь) Kidney is the bean-shaped organ, two in number and helps in cleaning of blood resulting in the formation Uline Structure of kidney: Adrenal Contex pyranulo Renal Pelviz Advenal Medulla retor uidney: Working of functional and spreetural The reidney . 0 Jept ron omponents of Nephros and function: her

Glomerulus; Glomerulus is the first part nephron where acterioles bring blood and process of and absorption starts the filtization here. Bowman's Capsule: 9+ is the outer covering. the glomerulus Bowman's capsule Affecent acteriole Gloneruly Distaluted tubule Efferent acteusle Collecting duct Provinal quin convoluted Inbule Loop aring of Henle Provinal convoluted Tubelle: . Pronimal convoluted tubule is wiled tublues where the the placers of filtination of waste products i.e. usea and amonig

takes place and reachsorption of soclium and potainiam occurs Loop of Henle and distal convoluted Tubule: Then, the process of filtration of blood occurs in the loop of Heule and distal convoluted tubules collecting duct. The process of filtration completes in the collecting duct Various collecting ducts ampire to form a larger duct and then the neine is drained in renal pelvis and then into weter which takes the wine to the uninary bladder. (c) Black holes: Black holes are the highly dense objects to the extent that withing can come out then not even light.

Formation of Black holes: Stars having high energy and gravitational force: Black holes are formed in the stars howing high density and gravitational force. Some of them have energy even greater than the sur gaternal pressure in the star: Continous process of furion reaction happen in the star Hote - ener provid The heat emitted when two hydrogen atoms join is contributing the internal preisure of to stay the Internal pressu Gravitational stal, gravitational force a internal preisure balance and a other out. ead

Imbalance between internal preusure and gravitational forces Sup1 with the continuous formation of helieum through puerion ear reaction, Star gradually run out of the energy. the This results in the decrease in the internal pressure of 50 th stare The balance between the internal prevenu and gravitational force is disturbed and the star collapses. That is why, black holes all also called willapsen d) gsotopes: 950topes are the different adverse molecules of same at same atomic number (R) havin mass number (A) different offer in the number entria N) penical posses same otop opeties ey have different physical

Isobaus: Isobaus have the mais number but different atomic number. => They differe in the number of Protons 950 bars have same physical properties but different chemical properties. Example: Ar⁴⁰, 12⁴⁰ gootonesi gootones are those which posses the same number neutrons Example Ha, Her Both i.e. the isotope of hydrogen Tritium and Helium has two neutrons Isotopes of Hydrogen: There are three different isotopes of hydrogen All the three has same nymber protons but different number

neutring No. of protos= 1 No. of Neutrons = 0 Atomac No = 1 Neutrium Mars No =1 H2 Nor of protons= A No. of Neutron=1 Atomic No = 1 Deutrium aus.no = 2 No. of protons=1 Tritiam No. of Neutron = 2 Atomic No = 1 Mais No = 3. Hence, proved that isotopes have equal number of protons but different neutrons

Prosent age of son = 30 suppose Current are of ather = y. Present aj. 5 years ago 30 son's age = 30-5=25 father's age = 4-5 4-5=3(25) -30 -5 = 751-30 5-4+30 50 years 4 is soglais forther of the

b) Mean 50 = 50 10,+ 20+ SU= SOX4 4-50 = 200 0-30+ 200-50-30+-10 110 0) Migsing Numbers: 2, 6, 18, 54, 167 6x3 18x3 541x3 i 3125, 256, 149 Given data: d) product of two numbers= 320. Their latio = 1:5 arman and a second for the second arma

Solution Total parts = 1+5=6 one part = 320 = 53 6 first Number = 1×53=53 2nd Number = 5 x53 = 265 Square of first number = 53= 2809 Square of 2nd number = 265 = 70, 225 Difference between the squares two numbers 70,225-2809 67,416

Noticial QN0#8. à E W 5 2K Skm 4Ken 3km 2.5Km pythagoras theorem Apply -1B2 = J(2.5)2+(1.5)2 = J6.25+2.25 = J8.5 H - 3 So, the cow is m rom its starting point. b Slices of Pizza=8 Slices containing Raisin = 3 No. of ways raisin slices can be picked = 3

Total possible outcomes Probability = 8 1 ... 37 possibility slice SI ai The 375 120 picked No. of Triangles: 0) No. of Triangles given IV diagram are 96 d Factors affecting intalligence quotient the rain hyman d 0 bein Spe Cli are Fac tor, States ac Grene ins i rviornne i Ethnicit îîi Shevs iv

Genetic factor. Genetics play very important Lole in defining the 90 of any person. 97 is determined the chromosones of parents. by Ethnicity and Race: The place where a person born and his ethnicity play a great role in determing his Environment: Environment also contributes sharpening the 96 in Stress: People living in stressful environment devoid of any bind of st cretical thinking and exercise - Their 9 level is affected. Sty In No