Dos and Don'ts for Generaral Science & **Ability Paper** ou've done well. Know that Hi there the second de la ching and acqui in paper according to what's repre a few things I Fliere ar other ight. **HÇİ** 2 and at at least Bridge, of a that there can destion and their extrucon a there parts närks are address all of them in a just mann 2. Todus on time man gement. You get 35 minutes to selve on puestion and about 8 Brinutes per 5 mar part. Manage your time accordingly "break home" of understand that, your paper is ok more scientific than sed to add flowcharts and diagrams equirea. tness can be anc void cutting and overwriting. our grammar. no deduction in marks will definitely create an ur expression ajent 6. In ability portion, give explanation for fearability question in words. You need b to understand that a 5 mark part requires all steps written and explained. Good luck for CSS 2025. You're gonna rock in sha Allah. :) CS CamScanner

of denjue visuses LOEN-1 >DEN-2 LOEN-3 4OEN-4 calle-These are ase 01 serotypes ;tt milsoor spices The byjest causation agen! denjuc is Apdes Acquipti mptoms of Dengue ligh bever Leadaches Bodyaches seish SYMPTO Neakness Vausea Vonitin Bleeding Pain behine

Divide symptoms into early, recovery and critical symptoms

Rise of despice in Pakistan, and prevention These days desque is at sise affecting many people. 41 can be prevented by: insectivides, mon toring and sugrestlance ef vectors and people covering of bodies Conclusion To sum up, despec is a hampel diseas which can disupt the health of people Proper prevention measure, must be taken to stay sabe b. Dask matter and Dask energy Introduction Dask matter and deak energy are two mysterious components that make up about 95% of the unice weather and the second s

Dark Matter Dark matter is an invisible mon-luminous form of energy that does not emit, aboost on transmit etectromagnetic radiation How can dark matter be seens It is invisible to telescopes. However, its presence can be inferred through its gravitational effects usible matter. key Chasackiistics O Invisible As it does not interact with light (3) (ollision less Partiles interact only Chaoyh grainty.

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O Non-baryonic Not made up of Ordinary matter or baryons 9 Cold Moves slowly compared to light Dask Freigy It is a mystaious component energy driving the acceleration of universe It causes cosmic expansion Key Characteristics O Negative psessure . I pushe the matter apart. 5) Repulsive force It has the power to counter gravity Generic



3 Density It simains constant despile expans. Different-theoretral bromemontes explaining dark energy Some suggest it lout be vacuum energy Some supper it could be phantom encs While other, consider, 2 quintessence là dynamic fre 1-1 C. Structure and function of mitsochondria, the powerhouse Introduction Mitzochondria manufactures and supplies energy to cell. It differs in size and in different cells. It is ont Scanned with

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present in enkaryotics. It i also called pour house up cills. Structure of Mitro. chondric It is a filament shaped. It is bounded by two membranes: Outer memberan Inner membrane Outer membran is smooth. while inner membran has many infoldings called the cristae. Cristae has small knob like structure Fi partile (Synthesice ATP) Chemical composition of mitsuchundria Mitsochondria menabrane is composed of lipids and proteins Mitrochoodsial matrix has lasp number of engines, corregime,

Organic and inorganic sally It celso contains DNA and Pibosume, can also synthesize its ann protein. Function of Mitrochondria Function ef Mitrochend depend on the cell type in O The mat impostant buicken is mery production @ M.7, ochondria kelp in building certain parts of blood and hosmoner like testoster on and estoppo O IL helps in metaboli processes @ It converts glucose into energy Storage of calcium ion, and regulate proper concerts abon of calcum ion within the compassments of cell. & The liver cell, mit schardning have engymes that detaily ammonia

Add diagram How is it the powerhoused It is the power house because it generate most of the cells energy Il convert chemic 1 energy from nutrients into ITP. IL optimizes energy respiration. It edapts to changing energy demands d. Covalenz bonds, types d structures Covalent bonds involve the sharing of a pair of valence elections by two atoms buch bonds lead to stuble molecule if they share electrons in such a way as to create s. noble gas configuration for rach atom

Ifpes of Covalent Bondy O Polar lovalent bonds electrons are shared inequally, resulting in a partial position and regar Charge @ Non polar covalent bond, In this typ of bonds, election are shared Generic equally Also, add B (pardinate covalent bonds One atom donates both dectron in the sheet pair 6 Dative covalant bond It is similar to Coordnate bunds, but with donos- acceptor 1 labiosh-1-

Anguer to Q. No. 4 a. Noise pollution, effects prevention (ways to (usb) Noise Pallution It refers to excessive, unwanted or distusting 800020 (hard on case) that have hirran health, undlife and envisonmen!. Noise pollution is also called sound pollution. Effects of Nouse Pollution Ly Hearing Loss > Slup disturbance and fatigue > Stress, meiety, and depression > (andiovascular diseases PReduced cognition performance Scanned with

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None pollution can also impact wildlife, resulting in habitat destruction and altrations in migration petterns. Ways to curb noise pollution > Establish noise supration and stondards > Implement noise-seducing technologics > Create quiet zones > Banning noisy vehicles > Use of noise-seducing machinesy. > Electric/hybrid rehilles P Antificial intelligencepowered noise control It is important to check noise polition as is distubi peace and dissupts health of homan annots

Impostance of fibre... 6.__ Depinition of Fibre Fibre in dict is the Bast of food that has no cannot be digested. It has no food value, but it helps to more the waste through the dyestre system. (Nicholas Horsburgh) Sources of fibre: fruits vegetables, brown breas, whole pains etc Impostance of fibre in diet @ Promotes segular bowe movement It prevents constipation and reduces sigk et hemorroids. O Supports healthy gut bactesia It fosters for bound



misobes 3 Helps seduce bad Chalastonel It helps reduce LOL (bad) cholaterol. G Regulates blood pagar It slows sugar abjosphon, and aids diabetes manayemant O Supports immune function Boosts immere stem Balances platter of hood A platta ef 600) will be considered balanced which contains variety of heathy foods; in other word balanced dert. Balanced E reben to variety af food Light amount

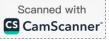


A platter containing funk bood does not have baland diel To eat balanced dict one must avoid junk food, which is low in nutribord value It is high in sugar/ fal and law in fibre, protein Mamini or nineral Platta containing Balance dict has proteins, buts, water, carbohydrahr, dietary fibres onincial and Vitomains Food Guays Major Jources Carbohy Trata grains, potatou Dictory Bibse fruit, vegs. Protein, meal, cjss. Fab daing, chocolah Vit amins Sun, orange ... liver, cys, mille Mineral

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Balanul me important for energy grow muscles to defend againse diseases, and for toreal health. C. Elaborate drinking water quality and standards There are defarent Critcia for judging whethere water is safe for drinking. They are four smell, bad taste, bad colour, According to butto safe drinking water is the which does not pase significant threat to health To define water quality and . stondards, different aspects are taken into consideration a) Microbial Aspects Ensury that water is free from hambed

micro organism, such as backere, Mausis and parasites @ Acceptibility Aspects Debining Receptable trester odor, and appearance parameters. E Equiciting the Chemical Loncentration chemid like arena lead and mes er ntonorional Itandards But dri ping water Ne li level of vater sources must be between B.5 Kind 8.5 on o scale ranging from to 14 Osin my water cris in ortan Pakistan sanks 80th out ob 81 countries in access to s drinking water (UNDP)



d. Lithosphur, socks and minerals Lithosphere is the outciment shell of solid early made from sock It consis of cust on! upper mantle. It locs discelly under the land surface and occas floors It consists ef minerale socks, and tectonic plates Composition of easth an Littosphere Crust (ore, 176 Mesosphere -6325 km 2 goatm) Athens Lilho. spher Sphese soaken (100 km) 1. Manth

Rocks Pocks are naturelly bosmed mass of mineral matter, that form planetary crust. 19 pes O Gneous Rocks Cooling and solidification ef mapma. (e, granite, busalted) @ Sedimentary These are the sesult of rock minude and grains (y Cimestone, coal) B Metamosphic Due to massin porces of heat and pressure, they are formed Minerals Naturally occurring inorganic tolid that possesses an orderly internal structure and definite Chemical composition



Characteristics of Minerals O Ocen ranelly @ Inorganic & Jolid & Depinite chemical composition