

Day: MIWIFS Date: ___/___/20 Hill shubbun: 1. Fevel 2. Headache 4. Falique forall and morches 5. Addies and vemilling severe symptoms: t. Severe decting 3 Plasma ledisage 4. Despirating distress 5 9140minal pain Preventing. Prevention measure include 4. Vector control program

1. Mosquite Contraction oguipo 2. Personal parlectio equip 3. Vaccination

Day: MTMTES Date: ___/___/20_ (Ans 3) Dark Matter: Dalle maller is on muisi. the form of majer that does not exit light, adsorb or reflect and does not interest with nox mal matter It accounts for more man 27% of the univer se mass energy density. Properties of Dark Matter: 1 - Invisible Il does not inferest with 2. Collison1811 of does not intereact with noingl matter of moves slowly as y stable It is correposed of long lived or byaste portices Derk Energy:

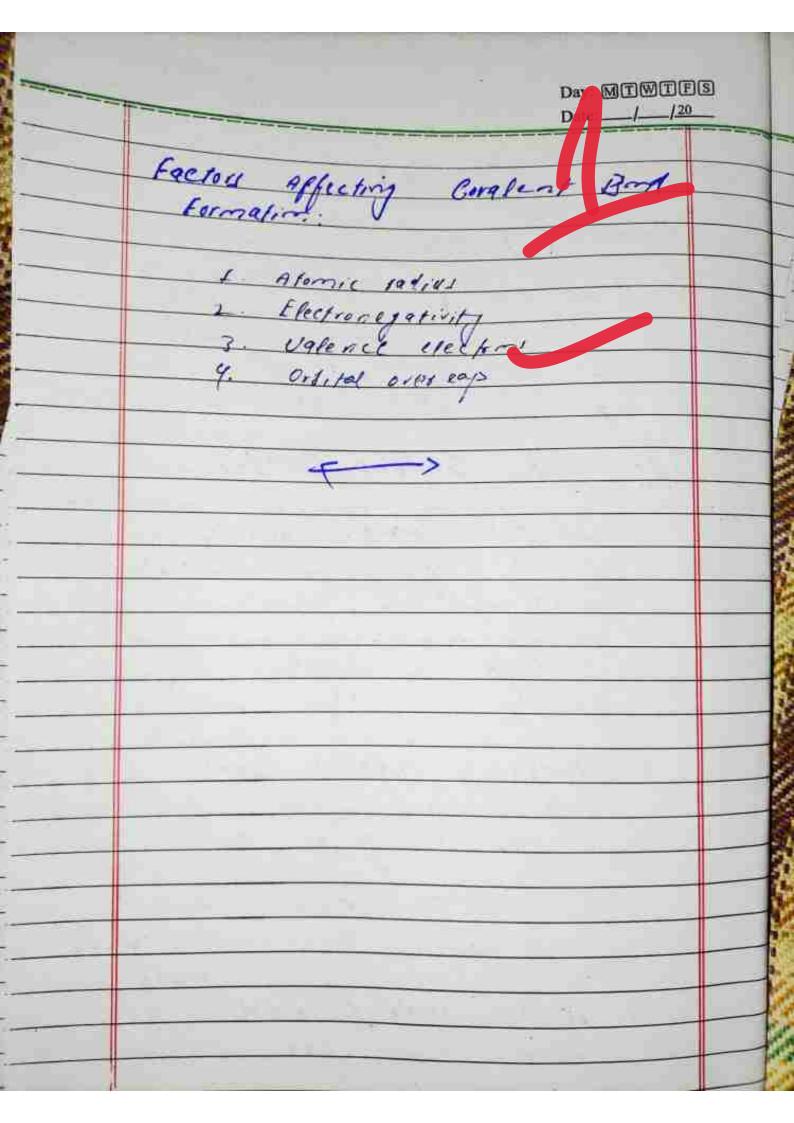
Day: MTWIFS Date: ___/___/20 S component that courses the warrer re enpoysin to accelerate grid the universe wars everily april Properties of Dark Energy: I. Repulsive: el causes the expension of universe to accelerate due to repoyerize in nature. 2. Negaline Pressure: opposite of the normal marjes

peritive greacest Theories about Dark Energy: 1. Cosmological Constant 2 puntesuses 3 Departorn en

Day: MTWTFS Date: __/__/20 (Ans C) Mitochondua: Milochondria are the minentrarjetic cetts paying a crucial sole in generaling entergy for The Structure of Milochondria: 1. Outer mendrane DI II GOOUS, Allowing allaw inditances to bare Through 2. Shad mentione: It is folded into crifqe increasing surface area 3. Milichon Krial Malix: Innermet compaining, containing enspires and mitoch marie 4. Cris/90 defectings of inner am partuction.

Day: MIWIES Date: __/__/20 outer 7x nto DOMEN men las e matrie C74/40 Mitochonde functions of Mitocolding: 1. Celly las Respiration: the cell's primary court source 2. Energy Production: Myschody a generale of things oudative phospho 1410/10 3. Redor Reactions: It facilitate in socton transport chains Mitochandria 19 9 POWET House: By Isuping a view the alor & junctions lof different dring like energy production, certaler repire tion and region reactions on it acti as a bother mouse & a con

Day: MIMITES Date: / /20 (Au d) Congleat Bonds: Constant binds are chemical bonds detreen atoms that there one of more pair of electrons to form a plate molecule. iffer of Conglest Bonds: I. Smyle Coralient Bonds: In ugara sond exists eg C-VC HIH CR-CR P. Hr el H H 2. Doylle Covalent Bonds shall IND pairs of ercetions ey or con 0:0 0=C=0 C=C 3. Triple confert Bond: share three pairs of electors * J ~ , C, Th NEW H-CEC-H de Czitz



Day: MITWITES Date: __/___/20 Q.NO.03 (Ans a) Lugar Ecupse: A lunar ellipse acus whis the earth comes deferees the sun and the moon blocking the skn the moon surface. Iffer of Lunar Eclipse: 1. Panambigh Lanas Eclipse folls of the moon. 2. Partial lyna Eclipse falls in the moon Total Lungs Estipace East i compete I shadow fulls on the moon penumbral Įū, M - numba · - con 11 - 100

Day: MIWIES Date: ___/___/20 Conditions for Lunar Edipse 1 14H MAD 2 Earth moon, sun afigner 3. Moin in Earth's dinting er penuntia frequency and Dutation: L acus twice a year 2 Tolal loral eccopie lasts a round go . Ich minutes observing a lanar Eclipse: 1. Ustille from affertie 2. No special equipment 3. Safe to observe without the bleener

Day: MIMIFIS (Ans b) Enzymes: Ensymes are diological map. catalyse specific charical Enzyme structure: I. Active site Suspense binds 1. - Sudstrate - binding Enzyme sudstrate complex formation. Catolytic Site Regim where chamical Neactions receir. Co-enzymes Noa. protein melecutes assisting ensure propon ES confolia

Day: MTMTES Date: ___/___/20 Examples: \ Engines will 1. Amplace Bleatu down storch into L. Loclase: governe and galactise. 3. DNA Polymerase: uplication DINA during 4. Proteeses into peptides protoins I. calalase: Decomposes by knowing per-

Day: MITWITES Date: ___/___/20 (Ans c) Electromagnetic Radiations (EMK) and majoretic fields that propa gate through space carefing eace Characteristics of EMR: and magnetic field compo 2 Exhibits Joth ware like and passicle - like behao. Frequency and warkingth netated st c & EMR Spectrum. to high furtherney (short wasteryes). Radio Waves: long war exterpt your energy and for hom

Day: MUMIES and codera Alicismaves : Haling applications Infrared Radiations: Used for the small maying and heating visitle eight visible to buman lege UV radiations: 1001119, callses Chemica & seactions togh energy applications high endry physics. Sources of EMR: Nalytol: Sun, stall, earth HAMAR MAN adio horsoitters, Sers over Warelyth

Day: MIWIES Date: __/__/20 (m: 4) Connections between Easth que. Yes, there exists a link before een earthquares and volcomic eraptions: I. Shared Tectoric Selfing. Boln occus at peale Goan. dries where before plan tel ateract 1. Magma Florement. Earthqualle can trigger megine movement, Jeading to volcance coupling 3. Volcanic AICI: Sussuition sons where can produce 1.14 (sitts quelles and vilanic craption 4. Cras Refere: Egithquake can weese leading to increased (w. Pronic gettert

Day: MTWIFS Date: ___/___/20 SECTION-I (D. NO.06 (Ans a) 129/9. Uglass - 1, 8, 10, 7, 12 to find . 1.14 /ms: 1505 = 39+K 75 = 29+4 75-39=15 (Ans 6) D919: Doitige 1948 \$ 14998 solution and colored mater = 4:3 After addition of lolities of To Find: Initial quantity of

Day: MTWTFS Date: __/___/20_ So 14 / m: Suy as solution 2 4/7 Charled water - 3/7 offer to litters addition of Sugar 12/4/1 = 4/9 00 10 Colored mater of a lo 9 410 = 50 Icition quantity 105 255 - 176 - 27 19 (9)(7) - 63 - 27 (Ans W Dafa: 199141 = 1200 J. fort: Soly fins: V = nr3 V = 3 12.14 (12)3 (V - 7234cm3) (Ans) -10, -8, 6, 40, 102 7/113

Day: MIWIFS Date: __/__/20 Q. NO. 08 (Ans 9) Calculations: Chage . 50+4 220+4(9) = 820 4 28 (Ans 6) is Recipe iii) ATISER iv) I forith V) Thungy (nos d) No of triangles = 10