2 MARKS QUESTION

Bus, Whast are Chisal Dongs? Chive Example By Chisal Dongs.

Bus How does Granoss Caloaritic value differ taron Net Caloaritic value.

Buy What is Bio-degendable polymers?

Oz.

aus) Why 02 is paramagnetic & N2 is diamagnetic?

aus) Why Teplon is highly Chemically resistant?

ans Explain Rasidness of Water?

and why is graphite used as lubricant?

Bus, Monite the electrode reaction of galvenic

Bus Depine goious and net calosific value

anote Chnogy.

Cus) What doo you mean by hasidneng of Cement? aus) Warite name of south of Diesponsible foor temposiasy Roardness?

Russ Graphite is a Grood Cunductoon of electricity.

Bus Waite the Monomeaus of BUNA-5 and Polysteners.

Cacle; 24 mg/2 MgSoy 18 mg/2. Calculate the temperony and permanent handness of Witter.

answer.

Quy Which Species and Hz, H22+ and Hz-ases Pasia Hagnetic and Why?

any Explain Why Co2 is IR active and N2/3.
IR inactive Malecule.

Containing impusity of (a(H(03)) = 81 Mg/2.

5MARKS QUESTION

aus) Explain the Setting and flandening of Cement With Helevant Chemical Heactions involved in during Process.

aus) Decemberible differents type of liquid Constals. Discuss the application of Liquid Gystals.

Aus What ase Auganomaterial mallic Compound?
Discuss the Priparation of Guignand Reagent. Priedict
the final product obtained from when C2HBHGBA
Aleach With,
it CH3CHO iii, (CH3)2CO?

Constitution of Charactists and application of Charaphite and Fullwaners. Explain the Heason for Every and and Impricanting properties of graphite.

applications of nanomaterials?

Quest Explain the basic parinciple of IR spectoroscop? What is the significant of Fingerparint oragion in IR spectoroscopy.

Cust Discuss the Mechanism of Electrochemical throay of Corression by absorption of exygen. What Effect will injects exygen supply flow no such Corression?

Eury Explain the posocers of Water softening. What ages advantages and Dimitation of this parocers? Calculate amount of sime soda and soda enequired for the 92040 restou la vestil 0000 la +nomboret analysis is as follow (in Mg/L): Mg(H(0))2=73; Caso4=102; MgCl2=95; MgSo4 = 24; Ca(HCO3)2=121.5; Nacl=55. Chus, Explain the Zlifferent parlameters and are determined in the peroximate and analysis excoal. On busing 0.929 of a solid fuel in a bomb Calorimeter, the temperature of 55000 of water Increased by 2.42°C. Water Emiralen et calorimeter and latent heat of steam are 185.09 and 587.0 , Cally, suspectively. If the fuel Contain 0.7% Ryderagen, calculate its GICV and NCV. Coll the Molecular Babital diagram of No, Calculate the bond ander the predit the Magnetic Behavious No, Not, No. Wey What are Rosins? How Rand Water Can be purified by Ion-Exchange Resins? Compasse Mestists and demestits Cinna Pime-Soda PAIOCONS. (ins) Calculate the avantity of lime (747. pure) and soda (80/pusus) for softening 50,000 literus ef Noted Containing the following souts: Mg(HCO3)2 = 50Mg/L, MgCQ2 = 6PPM, (a(H(O3)2=01Mg/L CO2 = 44 1 Nazso4 = 10° For , HCQ = 73 Mg/L, APR(SOY)3 = 57 Mg/L

Buy With the Relp of neat diagonam, Explain the Constanction and working of bomb calestimeter.

A sample of coal Contain C=80%, H=15% and Osh =5%. The following data were obtained when the above coal was tested in bomb calcotimeter Weight of coal bount =0.989

In 11 Water taken = 1009

Water equivalent of bomb and calorimeter = 25009

Rise in temperature = 2.5°C

Fuse wire correction = 50.0 cal

Acid Correction = 50.0 cal

Cooling correction = 0.02°C

Calculate grow and net Calorific value of the coal.

aus) What are Conducting Polymeter ? Clausify Conducting Polymers and Mention thier capplication?

and discharging of lead acid battery. Explain the Constanction of lead acid battery. White all the Chemical succeptions taking place during charging and discharging of lead acid battery.

Quest What is Lambert's-Beens Jamin UV visual specknoscopy? And also Explain of TMS in NMR specknoscopy.

Quy A Water sample Containing Flatlowing salts. Cacl2 = 55.5gm, Nah (03 = 12.6 mg, HgSo4=407), Fe (504) = 2Pm, Hg (H(03)) = 43.8 mg, Co2 = 2.2ppm, CO32=60 ppm, OH=32ppm, Nah 102=0.2ppm.

Calculate the quantity of lime (85% pure)

Ond Soda (90% pure) for & boftening 50000 liters

Ond Soda (90% pure) for & boftening 50000 liters

On water.

aug Explain Sheilding and desheilding in NMR spectroscopy.

Quy What is Meant by Calonific Value Offuel? What is the difference blu goods calonific Value and net Calonific Value?

Buy What are Cements? Also Explain the Manufacturing priocen of Postland Cemen?