T	MCA.
15.	as Absorbs more heat
25.	is basic property increases and off ion increases
31	bs primary shoot & primary noon
45.	ds. At the centre of curvature & inverted.
55	55 hydro-dectric pouler plant.
65 .	as C2H6 and I he possibly roid gland
75	c) It is sureted by parathyroid gland
85	d) Cn Hanta
T	IM Questions
95	Copper Electroplating process
105	SI unit of potential difference = volt (v)
	denice is voltmeter
115.	Since the amount of dissolved oxygen en water is
	fairly low compared to the amount of 2 mil
125.	Sodium & potassium belongs to Same group. because they oth have same valency it is I.
1	oth have some valency it is I.
2	oth have some valency it is I. Molecular formula of potassium Sulphate is K2S04. & (S04) has 2 ion.
	(Soy) has 2 Ton.
13)	Fasmess Can produce clean domestic full from me
w	astes like animal dung, dry leaves, dry plants etc.
li	spent shurry can be used in the fields as manure
	astes like animal dung, dry leaves, dry plants etc. spent shurry can be used in the fields as manure to increase the fertility of soil.
145	Black Colour.
The second	

15) (i) Hz is oxidized (1) CuD is reduced. 165. It produces induced current with circuit Because motion of the magnet with prespect to the coil produces au induced potential difference 175 Because to reduce acédic nature of soil & makes the soil alkaline 185. Because Forog & lizard are cold blooded animals. They can change their body temperature according to environment. 19: Aid solution Conducts dectricity -Dil. He - Rubber cost (OR)Test tube > soap solution Zene granules with sulphuesic acid & testing hydrogen gas by burning

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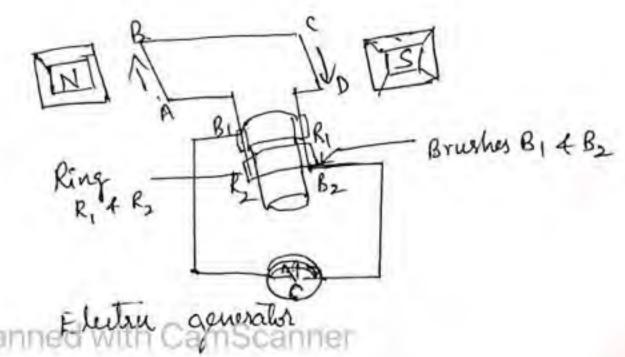
80) Given  

$$\begin{aligned} S = 1.84 \times 10^{6} \\
L = 107 \\
R = 3 \times 10^{4} \\
R = ? \end{aligned}$$

$$\begin{aligned}
R = \frac{RA}{L} \\
R = \frac{481}{R} = \frac{4 \times 1.84 \times 10^{6} \times 1}{4} \\
R = \frac{481}{\pi d^{2}} = \frac{4 \times 1.84 \times 10^{6} \times 1}{3.14 \times (3 \times 10^{4})^{2}} \\
= \frac{7.36 \times 10^{6}}{38 \cdot 26 \times 10^{6}} \\
R = \frac{0.2604 \times 10^{2}}{6R} \\
R = \frac{0.2604 \times 10^{2}}{R} \\
R = \frac{1}{R_{r}} + \frac{1}{R_{2}} + \frac{1}{R_{3}} \\
= \frac{1}{R_{p}} = \frac{1}{2} + \frac{1}{4} + \frac{1}{4} \\
R = \frac{241+1}{R} \\
R = \frac{241+1}{R} = \frac{4}{R_{1}} \\
R = \frac{2}{R} = \frac{6}{R_{1}} \\
R = \frac{1}{R} \\
R$$

213 Because energy decreases as it moves up trophin levels because energy is lost as metabolic heat when the organisms from one Trophic levels are Consumed by organismus from the next level. 225. (i) It has good property of malleability and ductility. (ii) Nickel is a alloy which has the good property of Sonorous. 235 Germination of pollen on stigning -pollen tube

24)



25) Joules of heating Effect H=I2Rt heat produced by the Resistor is directly proportional to the (1) Square of the current for a given redistor (1) Resistance for a given current. (11) time taken to flow the current through the resistor Working of Electric filament Bulb: In an Incandescent type of bulb an electric current is passed through a then notal filament, heating the filament until it glows 4 produces light. filament has a lot of resistance to electricity. As a result of their resistance, the filament heats up & starts glowing by Converting electrical energy to leght energy. ohm's law : The potential difference across the two ends of the resistor is directly proportional to current through it & temperature remains Constant. ammeter should be connected in series. & voltmeter should be connected in parallel in deitric circuit committer measures the flow of current in the circuit Voltmeter measure the potential difference across the circuit

26) + Double displacement reaction & also precipitation reaction In this reaction exmitual exchange of Tons takes place & also produces precipitate

3 Back\_ + Ab (SO4)3 -> 3 Baso4 + 2 Alch3

275. male reproduitive system Consisting

- r Testis: produces male gern cells & secretis Asstosterone harmone.
- v Vasdeferens: delivers sperms & it with a tube coming from urinary bladder

Sensinal vericles: which is a dand produces suretions & prostrate glands produces pluid medium & nutrition
 peries helps to transfer sporns to female reproductive system.

The embryo gets nutrition from the mothers blood with the help of special lissue called placenta. This is a disc leke tissue which develops between utivine wall & embryo. It provide oxigen & nutrients to the growing baby & removes waste products from the baby's blood. 285 Substituition keaction:

CH3-CH3 + cl2 W> CH3-CH2Cl + Hcl. C2H6 is a saturated hydrogen corbon, hence it do not undergo addition reaction

<u>cleaning actions of Soap & Detergent</u>. most of the dist is oily in nature & oil doesn't dissolue in water. The molecule of soap Constitutes Sodium (3) polassium salts of long chain Carbobylic arids. In the Case of Soaps, the Carboo Chain dissolues in oil & the Ponie end dissolver in water

(1) Social problems: because they displace large no of  
peasants & Istibals without adequate compensation  
(i) Economic problems: because they swallow up huge  
amount of public money without the generation of  
propertionate benefits  
(ii) Environmental problem: because they contribute  
environmental problem : because they control problem :  
for a set of the problem : because they control problem :  

$$1 - 12 - 18 = 1 - 1 - 1 = -1 - 1$$

30) (OR) P=-0.5 D + = ? P>-1 = leus is diverging because the power of leus is negative due to this it diverges the light rays. Myopia (3) short sightedness can be corrected by because when a concarre leus of Suitable porer is used for the myopic eye. Then the Concave less first diverse sthe parallel rays of light coming from distant object.

> Aosta Pulmonary veius

315.

325. CI BFI iF2 position of image = Bayond 2F2 Nature q image : Real & inspirted 33) Electronic Configuration of element no 8 = 2,6 16 = 2,8,6 \* yes. I belongs to the same group=16. They have Same valency - 0. 2 Oxygen & sulphus are the elements. Oxygen more deiteonegative buause Sulpheir expand Its valence shell to hold more than eight electrons. 34), Reflex are \* It is the pathway of nerve survolued in reflex action. A. Dorsal spind nerve B - effector (muscle) Because these 2 structure sends message from sensory neuron to Spinal cord.

35) The metal sulphides and Carbonates must be converted Roasting the sulphide ores are converted into oxides by heating strongly in the presence of excess of air is called as moasting Calcination The Carbonate dres are changed tabo oxides by heating strongly in limited air called calcination Roasting !-22ns+302 Heat > 22n0+2502 Calcination . The metal are then reduced to the corresponding netals by using Suitable reducing agaits such as Carbon. en: when Zine oxides is heated with Carbon, if is reduced to metallic 78m reduced to metallic Zinc.  $2n0 + C \rightarrow 2n + CO$ . 36> place the plotting compass near the magnet on a piece of paper. mark the direction the compass needle points, more the plotling compass to many different positions in the magnetic field, marking the needle direction each time Joins the points to show the field lives peroperties of magnetic field lines O The magnetic field lieres emerges from the north pole They merge at south pole 3 The disrection of field lines & reside the magnet is from south pole to north pole (a) magnetic field lines do not intersect each other cs Scanned with CamScanner

Rr Yy Round yellow +, generation Rryy x Rryy RY Ry ry ry RRYY RRYY RrYY RrYY RrYY RY RRYy RRyy Rryy Rryy Ry Royy Royy royy royy Rryy Rryy rryy rryy ny Round yellow : Round green : winkled yellow : W. green new species in course of time called Onigins of evolution . methods -) Age of fossils : a) Relative dating method ) Age of fossils : a) Absolute disting of fossils 2) changes in the DNA during reproduction 3) Excavating 4) Determining DNA Sequence 5) By their anestors.

a de Sant 3) Isaac newton was the first to use a glass prism to obtain the spectrum of sunlight. He bried to split the colours of the spectrum of white light further by Using another similar prism. However he could not get any more colours. He then placed a second identical present in an invoited position with respect to the first poism. He allowed the colours of the spectrum to pass through the second prism. He found a beam of white light emerging from the other side of the second prism. This observation gave newton The idea that surlight is made up of 7 Light from the sur near the horizon passes through Coloury. thicker layers of air & larger distance in the earthy atmosphere before reaching our eyes. However light from the sur overhead would travel relatively morted distance. At noon, the sun appears white as only a little of the blue & violet colours are scattered. Near the Worizon, most of the blue light of shorter mede lengths are scattered away by the particles. Therefore the light that reaches our eyes is of longer wave lengths. This gives rise to the reddish appearance of the sur. strike sight v estite light

P,