1032

## Peret 11

Increase length

Add headings

Section -1

Draw diagrams

Work on math portion too

0 No: 2

(a) COP 28

which was held I from 30 November to 12 December 2023 at Expo city. Dubai II was held Under the United Nations Framework Convention on climate Change. It was one of the most important onectings regarding the Winate Change because these were Some important aprements including loss and damage quind.

COPOS began with a historic agreement or a loss and damage jund to help developing loventries cope with the espects of Climate whange suiceal countries have pledged many to the jund, including british Asab Emirake Checronary and United States:

While whose is no journal by definition of loss and damage, it is generally understand to acceptable climate change impeats at stand cannot be addressed by mitti-

gation of adaption efforts. For developing Courtsies and Irrall island states, the Consequences of Stronger Strongs, sising sea tenets, increasing temperatures and other stroate-related phenomena will be difficult to endure so the concept of a loss and clamage Fund is to provide monetary and to those in need.

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Key Glements

- The Cocation of a new and condependent

Secretariat and governing board

- The designation of the world Bank

as interior trustee and juind thost

Too a juin-year period

- Approval of the Chovesning ventured in

the Juind which provides factors to be

Considered in Electrical

Notable Junding places:

\$100 m UAE

. \$100 m UAE

. \$100 m UAE

. \$100 m United Kingdom

\$175 m United Stats

\$100 m Japan

£ 225 m John the European Union

Solid - Wask Management derrotes to

the pricess of collecting, tradices and
clisposing of Solid Wostos. Solid woste

Can be domestic, agricultural os

upapetral Bossically Solid-woste seges to all

non figured wostes. It includes solids

of Semi-solids and from-Soluble materials

Huschold

Institutional A Retailers and shops

Compression - Solid-woste -> Road & weeping

Jonesticution

Solo

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of solid waste mana Landyills Incinesation Com postoy O Landqill It involves busying the waste in vacat cuty. The dumping asound locations Site should be covered with Soil to prevent Contamination Beneyt &A Santary disposal method iz managed exectively limitations: A reasonably lorge area is sequised. (a) Incineration It is the controlled oxidation (burning) thermal tocatonest) of smostly organic Compounds at tagh temperatures to CO2 and cooter produce theoreal energy Bosevit Burning Significantly sedures the volume of combustible woste. limitations: Smoke and zive harards. (3) Compostion 9 It is a natural proof is a recycling organic matter like leaves and zood scraps into benegicial yotilizers that can benegit both Soil and plants. Beneyt It is beneficial zos crops and it is an environmental-priendly

Constation Required high-stollal laboris for lagre-Scale operations Tt & a process of Converting works

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The a process of Converting works of Conver Examples: wood veryding . Paper veryding Benegit: It saves resources and it is an environmental-perendly method Limitation It is expensive to set up and not reliable in case of : emergency. (5) vernicomposting: It is a bio-conversion ketterique that is commonly used to handle sold waste. Easthwarps zeed on organic waste to seproduce and southiply is namber, veroxicompost, and veronicosh as product in this loio-conversion Benefits: It reduces the need for chemical pertilizers and chances plent growth Vinitations: It y tome-Consuming. Cost ineffective and serwied exky SOLO Teacher's Signature

**(C)** Date The Remember Erreys Sames Balanced Diet Balanced diet oyens to the good month julyths a person's all orutritional onceds. It is composed of the give zood groups in varied amounts expluding: wgetables. Trails, grains protein and daisy. Humans mead a cestain arrowd & Calories and rutients to Stay healthy. Balanced prevents the diseases. It maintains OF comprove overall health. Balanced deet supplies the optowns to body Junctioning proper 700 Butto - Fat - Profeir Meat MIL vegetable Gruis - ucteoning -> Carbo hydrates Corrains SOLO Teacher's Signature \_\_\_

(4) Date Renewable Energy Renewable Jource 3 energy is the Source which is replenished by the nature on human scale time. It will sieves sur out your the planet. Moseover, renewable sources q essergy are environment at priently they are carbon foce Under the chipa-Batistas Economic consider mainly three types a renewable energy sources being hornessed 1 - Solar Energy 2- word Green 3 - Hydropower Energy For the time being, rememble represents power generation oux. oza total 43,775 19w, installed capacity for wind and splas separate around 424. (1931 MV) and 1.17. (630 MV) respectively? Eruci Regulatory Mulhority's State

2 Industry Ross report. Under CPGC chung and to produce asoo my q senerable energy in Dakisten through solor, wind and hydro power Sources. Durad Erergy Solar energy when the sciois radiations year Earths uneven surjace that air sises and cool air settles. SOLO Teacher's Signature \_

this difference in atmospheric preserve Created wind, a Linetic (motion-based) Josm of energy. win of tustines captuse that tinetic energy when wind blans over the tuebinger blades, ofs generator converte the energy of the -sofuting blade onto mechanical powercan be enverted into para to pump wake or provide electricity. Projectunder CPEC: Thimpis wind Form thatta 100MV, Sachal wind Farm thatta S'OMV and Dawood wind Farm Charo S'OMV @ Solar Energy Solar energy is the survis -saeliation that reached Earth when Sanlight white the photovaltic (PV) 2 Cells instab Rolas panels, whose cells teanspoor the sures radiation into 081 electricity Projects under CPECI - Quaid-e-man Solos park Bahqualpux 1000 MU ke 3 Hydro Dones Hydropower, all Known as water use of falling or fastpower is the where to produce electricity emering or to puer machines. This is achieved cby converting the gravitational potential or kinetic energy q water dource to broduce Domes. Projects under CPEC: Suri Knasi 884MV. SOLO Teacher's Signature

- Kohalala chydropones projed 1124MV Pathan Hydropower project 700-7Mx. S ON B Distinguish Jetween RAM ROM 1- It Stands you random 1-It Stands you read access memory only memory Temporary Storage 2- Personanent Storage 3 - Store data in NBs 3 - Store date in GBs 4- volatile 4- Non-volotte 5- used in formal 5- Use gos Stortup process q computes operations 6- writing data is 6- writing data is Poster Slover To Requires ylaw of elect 7- E all not sequire reicity to retain data zlas & electricity to setain data 8 - Larger Size world 8- Small dize with higher capacity less capacity 9- Used you both sead 9- Used only 70 reading and write to Cheapes than RAM 10- Costle u- very jost but uses 11 - Fast and uses Lot of power very little power in bred on procesar 12 Used in CPU Cache, brimary memory soic so controllers.

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Reserved of Cerrorison appregation of half and octality also knows as that byte os . . tetracle. The term subble also corried the "edible data". Pecule a subble us made up a binary data, each a the jour digits is either a 0 & 1 in any Combination. The total number of possible combinations is 16. Calculated as 24

The computing a rubble is a wrest of measurement you digital giles that (5.) consists of half of a byte - OSB · USB of Universal Serial box, is a mechanism used to conned peripheral devices to computers. First introducel in 1996. the USB standard was developed by a sounder of American Companies including ISM, intel cooperation and Microsopt Corporation hardware to PC. A USB post represented a Standardard way to Connect a wide range of devices while officing significant advantages in speed over other connection types SOLO Teacher's Signature \_

## the world?

AI, applicial molligence is the as opposed to the intelligence of humans of animals. It is a zide develops and stypies intelligent machines. It is the Simulation of human intelligence processes by To ashires, especially Computer Systems

It a the ability of a Computer of

Computer-gentrolled sobot to perform tasts commonly associated with contelligent beings Al has scholutionized the world. Bosically, Al hos bloyed a original sole in the digitalization of society, as at hos exabled One to Called. process, and analyze large amounts of class at a Jostes rate than ever this whose led to the Creation a new technologies, improved business processes and greater emisearly in mony industries.

## ks optical Fibres

Fiber Optics or optical liber, defeas to
the technology that transcorts infcommation as light pulses along 9
glass or plastic liber

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1:28

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**Done** Retake

How does optic giber work - light travels down a Tiber optic the caple repeatedly tack light particle (photon) bources down the ip with continued totes al misson like seplection. The light beam travels down the cox of the capte the Cose is the soundly of the cable and the glass structure the Cladding is around the Cook to Keep the light styrall inside the lost. Advantages: - Higher bandwith means 70stes Speed - Langer fansmission distances - Corseaser glessibility - Stronges Secrety - Law Power loss - Thisney and light-weighted. (d) (rifical speed a Sodelite the Croitical velocity of the Satellite is independent of the mass the Satellite. It is constant Jes whe planet: For Karth it " 7.9 Km/h Coto-Stationary & Polar Salelittes: Corco-Stationary of atellites Goilot the earth at its equator. They have Jamo period greed from Polar oray comply that these are permanently stationed at the poles. SOLO