Good for math	
I have	th of theory portion
Enough headi	
But Increase	1 GAP 11
Draw neat dia	The state of the s
Paper presen	tation is fine
	Section 1
	Question 05
	Cuestion 05
	10)
	Formation of cyclones
	tormotion of Cyclones
	Cyclone:
	is Commonly known as
	a natural disaster that causes
	huge destruction. Humans and Other
	living creatures face the weath of
	Cyclones at a higher level. Antarctic zone
	is famous for the formation of
	cyclones. In 1971, Bhola cyclone brought
	a destruction of higher level in
	Bangladesh, then Known East Pakiston
	Formation of cyclone
	cycloner are formed due
	to the spinal motion of the Earth
	and condensation process that takes

Date Day. place in the ocean. Spinal motion Condensation tolater or Carleius motion plays yclone formation important roll motion or is the Caelieus motion effect generated by the 8pm motion of of all the water heat of Sun evaporates began to stay in low temperature area which is for above sec. Here This Process of water evaporation is known as Condensation. Here, the carlieus effect spins his water in opposite

Date. directions. Due to this apposite motion the winds began to spin and become uncontrollable. Ac a result of this cyclone occurs and create destruction. (b) Difference between Ionic and covalent bond Bonds: are formed by order to achieve stability. If an atom does not have stability, it receives another particle from Other atom to achieve Stability Difference between Ionic & covalent bond Ionic Bond An Ionic bond is formed altom receives another particle or from from another atom. Simply, it

is formed when an atom feels atom. Then it receives that particular atom from another atom. The snaring of all atom forms Ionic bond. Covillent Bond opposite to the mation of Ionia bond, Covalent formed by mutual sharing of atoms. In the formation of Covalent bond, includ shacing of atoms occars

Date: -> Covalent band is more strong from Ionic bond -> Covalent bond can remain longer than Ionic bond -> covalent bond is formal by Stable atoms -> Ionic is not strong enough -> Unformed by one stable and one ynstable atom (C) Uses of Gamma Rays X-Rays and Radio maves Klaves: waves are known as transformative that requires no meduin for its transfer or Shape of wave

Date: -Uses of Gamma Rays are high frequency and nigh energy waves and short nowelength Uses i) KILL Concerous cer in body ii) used to expericate stone in the Kidney iii) used for other diserves that used for the 1-12 ay whole image of the ir) Provide Radio Mares: the waves that

have less energy and less fraguene but have high wowelenger, uses is used for conveying signals ii) used in radio Stations rii) used in technological devices (d) Tides and note on L.E.D Pides are known as the formation of water in accoms. These was are formed on water level that comes towards the banks of occeans. In night time, tides are formed by the light of moon that directly falls on surface of worker and forms tides. By standing on the bank of a water body, tides can easily be observed.

irdes on Day Mater Water L.E.D junction Ot & in the generated artificially naturally right Battery

Day:	
Question no 02	
(9)	
-Difference b/w Climate & environment	
-causes of Air pollution	
Curate	
Climate:	,
refers to the seasonal change	
their occurss in its time. Simply it	LON
réfers to occurrence of Summer Mine	(0),
Spring and Autumm. All trings related	
weather come under the term of	-
Climate	
Any Clampe in the pastern	
of weather is known as chimate cham	9.
Nowadays Climate change has becom	ne
a potential threat regarding the	
a potential in Dakistam is 8th	7
survival of humanity. Pakistam 15 8th	ode
most vulnerable camery agains cum	
Change	

Date .... Day Environment refers to one habited and the habital of all other things. All things such as humans, plants and omimals are giving in environment. Cermode change impacts environment. Causes of Dir Populion in Paxiston pollution Poleulonts lather harmful into tu Caues: 1) Population growing ii) Solid waste remainings of crops N) Transportation: Vehicles, Bikes v) Agricultural Products: Ferbilizers Pesticides vi) Combustion of fossil fuels 411) use of Acs Refrigerators

passon is emissed from the combussion of forsil fuels in paristom. (b) Note on Vitamins Vitamins are one of most important component of balanced diet. They are allained from defferent sources. Sources of Vitomins Breen leuf Vegetable 11) Meat, Milk, egg iii) Fish, Vegetobles is Sums light ( Vitamin D) Vitamins B complex Vitamin 5 Vitamin A Yitamin D

Date .... Vitamin E Vitamin X Role in Body is play role in gr 11) Blood Clotting bones (D) iii) Strengt (v) Skin Hair growth (E) 4) improving eye signe (A) Rickets ( deficients of Hoblem in iv) Restricted growth (deficiency of vitamions)

Day: is the conference that is held every year regarding tackling the disastrous and emerging problem of climate change. Cops de held to human activities that exacesboding climate change Goals of Cop 27 1) Reach to the temperature level trust was compromised in Poris agreement ii) Commetements of Various Countries isuch as America, Russia, Comada, china India to reduce carbon emission (11) Find solutions for Climate Change iv) idea of LOSS & Damage Fund but was not executed U) Assist there world countries we which were are facing Climate Change VI) Plantation drive was agreed (PAKISton vii) Deforestation would be exadicated viii) Aforestration was agreed Goals of Cop 28 i) esadicate the use of Fossil fuels

11) operationalization of Loss and developed countries awayerer agreed in us Reaching the temperculure of Poris Climate Conference re-newable energy resources vii) Participation of multi-national companies in miligating cashon emission would be ensured (d) Active & passive Sensors are their Bensors: are valueable instrument that Platide sensory information about

Active Sensor are those sensors that have their own medium of energy It could be natural source energy Sensor they get energy the Sum. They do not work when energy of Sum Stops Passive Sensors are the sensors that do not have their own energy source. Rather, they say on external energy resources. They could work at night because they are not dependent Usage in GIS GIS is Known as Global Information System that
Provide valueable insights regarding

Day



Day	Date	To reconstruction
the second section of the section of the second section of the section of the second section of the second section of the section of th	C	
	Section II	
	Question 08	
	CC>	
Given	dat a: Word "Superindent"	
Regu	ireddala: Probability of yourl?	
Sol:		
	al number of Jetters	
	in Superindent: 14	
	Rubability = Mamber of vowels  Total no of letters	
	Total no of letters	
=	$P = \overline{P}$	
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=	35./	
	(a)	
= Formu	ila of IO:	
•	19t involves the	
Compon	ison of on individual's perfo	mante

to other performers in his age group. Formaca = actors that affect IQ Genetics Factor Socia oconomic bacess to education iii) Education iv) Nutrition v) Access to resources (d) Given dala 4320 Rupees Required dut: distribution among Zahid, Aslam, Ashraf Sol Zains part = 2 Aslams part = 3

Date . Asmaf's Total pays 12 Value part= 4120 -360 2 oun 2 parts= Aslom's pasts 1080 gasts = 360 x7 - 2520 westion no of (0) data = 30 mg medication = 1 Tab d data: 240 ma mg