clouds. The complete system of clouds and weiner spins and grows, along with the ocean's heat and water evaporating from the ocean surface.

Day: MTWTFSS As the wind system sotates with Encreasing speed, an eye gets formed in the middle. The centre of a cyclone is very calm gold clear with very low augressure. The difference of temperature between the warn, xising and the cooler environment causes The air to lise and become to buoyant. c. Flood: I flood is an overflow of water onto land that is normally dry. Hood can happen almost anywhere They can cover an area with just a few inches of water or they can being enough water to cover the hogy of a house Hoods can be dangerous for communities, lasting days, weeks, or sometimes ever longer. Causes of flood: Sure flooding is caused by atmospheric conditions that lead to heavy sain or the sapid melting

Date: 2237W11

nuclei resettgeller to generale a

when two nuclei combine then? t

beauter micleus. In Jusion reaction,

Releases ligh energy. Therefore, the cun produces energy through the concept of nuclear jurion Feders affecting suns gravily: Factor's responsible for some grainty: According to Newton, the planets orbit the Sun is related to very objects fall to Earth when we drop them-Granitational Jorce is a Jorce which pulls the objects. That's why, The Sun's gravity palls on the planets same as the Earth's granty pulls down anything that is not held by some other force. Heavier objects produce a bigger gravitational pull than the lighter ones thus the Sun exerts the strongest granitational pull The granitational fold of any object is determined by Two things: mass of the object & the distance Thus, the Suy's gravity can hold up to rive planets and also some dwarf planets. The Sun's gravitational pull'is approximately Is times more than the Earth. The sun's granity pulls the

planet toward the sun changing the direction of the orbit into a Solar wind: The solar wind is a stream of charged particles released from the upper atmosphere of the Sun, called the corona. This plasma mostly consists of electrons, protons and alpha particles with kinetic energy between 0.5 and 10 KeV

Q5a. Electromagnetic Radiations: Electromagnetii radiations are a form of energy that propagates as both magnetic and electrical waves travelling in ting packets of energy carlos photons. There is a spectrum of these radiations with variable wavelengths which gives them their different characteristics Types of electromagnetic radiations: This spectoum consists of radiowaves, microwaves, infrared waves, visible light, ultraviolet radiation, X-rays, and gamma yours. The only part of the spectrum that is visible to the human kye is the visible light spectrum Uses of these radiations: X-rays are used for medical imaging and treatments. They help looking of bones and joints and assist in detecting problems of internal

organs. Radio Waves are used

Date:

for television and FM and AM radio broadcasts, mobile phones, military communication, and various other Communication applications. Infrared waves are used in heat sensors, thermal imaging and night vision equipment. Gamma vary are used in medicine for radiotherapy and en industries for sterilization and disinfection. Mizro waves have similar uses to that of gadio waves. They are used en communications, remote sensing, radar, and in heating

Varion Housed No. What is LED? A light-emilling dode (LED) Es a serri-conductos device that enits light when an electric current flows Through it. When current passes through on LED the electrons recombine with holes emitting light in The process. LExallows the current to flow in the forward direction and blocks the current in the Leverse direction upper be well we called Serve reconnected with any of the holls

C. Short: ceramics: A ceramic is an enorganic non-metalli solid made up g either metal or non-metal compounds that are shaped and then hardened by healting at high temperatures. They are hard, easistant to Corroseon and brittle. As they are hard, porous, and brittle, they are used to make pottery, briefs, tiles, cements, and glass. Types of ceranics encludes: Earthenwage, Stonewarr, porcelain, Glass cefanies, and etc. Semi-conductors. There are sub dayles yet unique decleoni projection that are both wisulton and conductor in terms of electrical conductivity. Most popular Semi - concluetos are silicon germanium, and gallium arsenide They are in two types: intrinsic and extrinsic Intrinsic are undoped i.e. the holes are thermally excited

as opposed to doped. Extrinsic are doped by specific impurity which modifies its electrical properties.

Day: MTWTFSS 5d. Polio: Polio, or polipmyelitis, is a disabling and life - threatening disease caused by the phiorines The view spreads from person to person and can ifect a persons spinal cord, curing paralysist (can't move parts of the body. Most people who get injected with poligious will not have any visible symptoms. About 1 to 4 people (or 25 out of 00) with rollowing injection will have flu-like symptoms that can enclude: Sore Hypogt Ferret · Nausea Predress · Headays . Stonach paun These symptoms usually last 2 to 5 days, then go away on their own

Day: MTWTFSS :9160

Date: 2817 WIN : yes

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	Question # 7.	
a	If is the smallest number.	
	then, 2 + 2 + 1 + x + 2 + x + 3 + x + 4 + x + 5 + x + 6	= 20
	+	
	$= \frac{7}{2} \times 21 = 20$	
	= 2+2=20	
	= \(\alpha = 17 \); smallert number.	
	Therefore: the largest number will	
	be Des	-
Ь.	The relationship between Dand C	
D.	is that they are Tousing	
	+9 +11 +13	
C.	7 12 19 28, 39, 52	
d.	D=3x $90; B=2x$	
	$C = 3x + 1,000 = 4x$ = $2 \times 1,000$	
	B-(RC/2000)	