Day/Date assistance to the inundated country. COP 28 in UAE cop 28 will be held November in Dubai. After last year's historic playes, Pakistan would be pressing the member-states to make good on their promises. Ato many climate - battered developing states would be seeking to garner support for climate financing in an altempt to recover some of the losses they had to bear in the face of decliming climate. n Introduction: Vitamins are an essential part of nutvition, and are necessary to maintain good health. Deficiencies in Vitamins
often actur if food intake is distorted
ov if the dietary intake in circumscribe
to particular foods. Vitamins can be
classified into 2 categories which are as follows: Maxim.....

2) Water soluble vitamins. type of are dissolved type of vitamins stoved enerally not exiveted excess that generally are vitamic ategory B vilanius: B1, B2, B3; B4, B5, B6 2.1) Diets Rich in Water-Soluble vitamins: Vitamic (Is abundently present in citrus fruits Vitamic C: Vitamic C like Lemon, ovanges, strawbern

Vitamin 13: B family vitamins are present in diverse food sources such as eggs, Beef, legumes, milk etc.

3) Fat soluble Vitamins:

These are the type of vitamins
that dissolve in (at. They can be
stored in body in liver and fatty
issues and excess can lead to toxicity.

Maxim......

Day / Date the outer moste layer of the eye 3t is the white part of the eye 3ts main purpose is to maintain the shape of the eye. 9t is the transport part of the eye which is mostly responsible focusing light into the eye and (ornia onto the vatura. Choroid: These are the a layer of blood vessels that nourish the valine of is shaped blu sclera and vatina. Ratina: This is the innermost layer of the eye. It sentes contains photorecepter cells that capture and convert it into electrical signals. gris 0)-It is the solved part of the ey EMS: that controls the size of the pupil and amount of light entring the ey. Maxim

	lens: It is the transparent structure located at the back of of I gris. Its mayor purpose is to Focus light on to the vating.	
	cometed get the back of	224
	of gris. 9ts may purpose is to	
	Focus light on to the vating.	gard i
	Total the the	
	Pupil: The black circular opening in the	e in
	Pupil: The black circular opening in the center of gris. gts asm is to regulate the amount of light entering the eye.	
	regulate the amount a agri	ulumbu (
	entering the eye.	
	Central Processing : Unit	
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	-> Mouse : -> Printer -> Key board : -> Printer -> Micro phone : -> Speake -> joy stick : -> Scanner -> Joy stick : -> Lead	
	-> 101/h	
	Pad	es.
	Briefly explain	
		m

b) 1) what is optical tibex:

Optical fiber comprises of strands of glass, which is used for transmitting light [ie photons/energy packets], from one point to another. The main purpose of optical fibers is to transmit information or digital data from one point to another.

2) Constituents of optical fiber:

coptical Fiber consists of 2 part, namely core and cladeling.

2.1) wore:

love is the central part of an optical fiber-It high density and high refractive index, both of which are coucial for transmitting information

2.2) Claddling:

Claddling is the part that surrounds the core and has a lower refractive index compared to that of the core

claddling

Cove

Figure: Optical fiber and its main constituents



3

3

3) How an optical Eiber works:

Optical Fibers world through the phenomenon of total internal reflection, light truvels down the optical fiber by bouncing of the walls. Total internal reflects enables this bouncing of the light within the cable, preventing it from travelling out from the edges total internal reflection odurs when critical angle is achieved, when angle of incidence at which angle of refraction becomes equal to 90°. This enables the light to reflect back at the core-claddling boundary.

Total internal Reflection cladding

Love

Source of light

figure: working of an optical fiber

1) 1) Solid Management System: Solid waste management system vefers to the organised collection, wansportation, disposal, and recycling of solid waste materials generated by households, industries, commercial establishments, and institutions. Solid waste management system typically consists of the following steps: Waste Generation: Solio waste is generated from various sectors On-site handing: This step involves collecting the waste from various locations On-Site Processing. During the collection phase, the wase is first segregated, based of its ilk ie recylable hazardores etc, and then placed in apposite containers. Waste Transportation: Waste is transportal from the collection point to treatment facilities or disposal sites. Maxim.....

Treatment: Some waste needs to be treated fixist, because of it hazardous nature, and them before it can be seriety disposed.

Disposal: Non-Recyclable & non-Recoverable waste can be disposed of through various methods.

1) Geographic Information System:

GIS stands for Geographic Information

System, which is a powerful tool used for capturing, storing, analysing, and presenting geographically referenced or spatial data. It combines geographic data (maps) with attributes (data associated with the geographic features) to provide a better understanding of the relation ships, patterns, and trends within the data.

_Maxim.

Maxim

	vector data models.
No. 1	2.7) Remote Sensing: involves using satellite
	2.7) Remote Sensing: involves using satellite or aevial imagery to collect data about Earth's surface.
	2.8) GPS: Global Positioning system provide accurate location information whis is essential for data collection.
	Real World GIS Data Full view
901	Elevations Buildings
2 .	Routes Baundavies
	Fig 1: Over view of Water Bodies Gis Your Data

D What is GPS: Global positioning system is a scatalite-based navigation system designed by the US department of Defense. It consists of a network of 24 sext ellil soullites placed into orbit. This system can work in any weath conditions and works 24 hours a day. 2) How does the GPS system work: The Gps satelities orbit the earth twice sending signals to earth. The GPS veceives the transmitted signals and uses triangulation to calculate the user's exact location-9+ rapulates the time when the signal was transmitted and veceived and uses the time difference to accurately determine the exact position. It uses threes satelites for 2D position & four satelites to determine 3D position of the object i.e (latitude, longitude, altitude. Satelites

Day / Date X = 10 x 320 x 30 x = 30 days 9t will take 30 days tev 80 persons to use 320 grams of sugar. gnito point Cylinder Volume = Tyzh $=\frac{22}{7}\times(10)^2\times(36)$ 21 × 100 × 36 , 314.29 Volume of Maxim...

