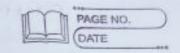


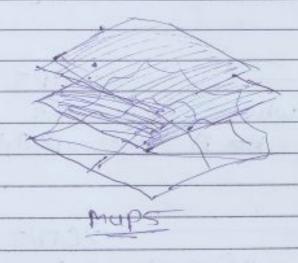
I Explain only and ones in detail: Cr15:-Forts is a full name creographic information system. 7 A geographic Information systems is a system designed to capture store, manipulate types of geographical duta. The key word to this dechnology is creographythis means that some portion of the data is spatial. . > In other words, duta that is in some way referenced to locations on the earth. -> Rooted In the Science of geography, as integrates many types of data.



spatial location and organizes layers of information into visualization.

using maps and 30 scenes.

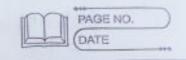
logy applies gerographic science with tooks for understanding and collaboration.



CTPS :-

name is crobal Positioning System.

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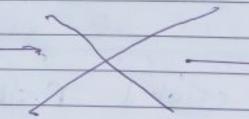


colobal Positing system, is a global manigation satellite system that provides locations, relocity and time synchronization.

You can find cops systems in your car your smartphone and your watch.

you get where you are going from point ADA to point B.

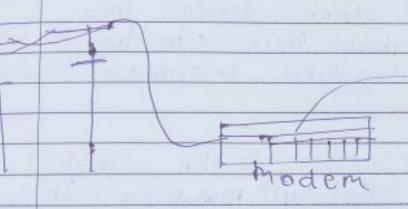
up of three different components called segments that work together to provides location information.

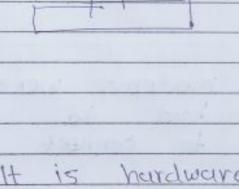




2 Explain modem:

For "modulator-Demodulator".

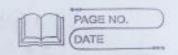




component that allows a computer or another device, such as a router or switch, to connect to the Internent.

"modulates " an anlog signal form a

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Sorm a telephone or cable wire to digital data (Is and Os) that a computer can recognize.

converts digital data forom a computer or other device into an analog signal that can be sent over standard telephone lines.

moderns were "dial-up", meaning they had to dial a phone number to connect to an Isp.

operated over standard analog phone lines and used the same trequencies as telephone calls, which limited their maximum duta transfer rate.

### makwana pritan



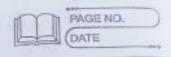
moderns also required full use of the local telephone line meaning voice calls would interrupt the Interhent connection.

moderns are typically DSL or cable moderns, which are considered "broadband" devices.

operate over standard telephone lines , but use a wider Frequency range.

for higher duta transfer rates than dial-up moderns and enables them to not interfere with phone calls.

#### makwana paitam PAGENO. DATE 1072



Write a note on Viruses:-3

) A computer Virus, much like a fly virus, is designed to spread from host and has the ability to replicate

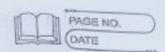
> Similarly in the same way that flu viruses

cannot reproduce without a

host cell, computer visuar viruses

cannot reproduce and spread sile or document.

> In more technical terms, a computer virus or program written to alter the way a computer operates and is designed to spread from one computer to another.

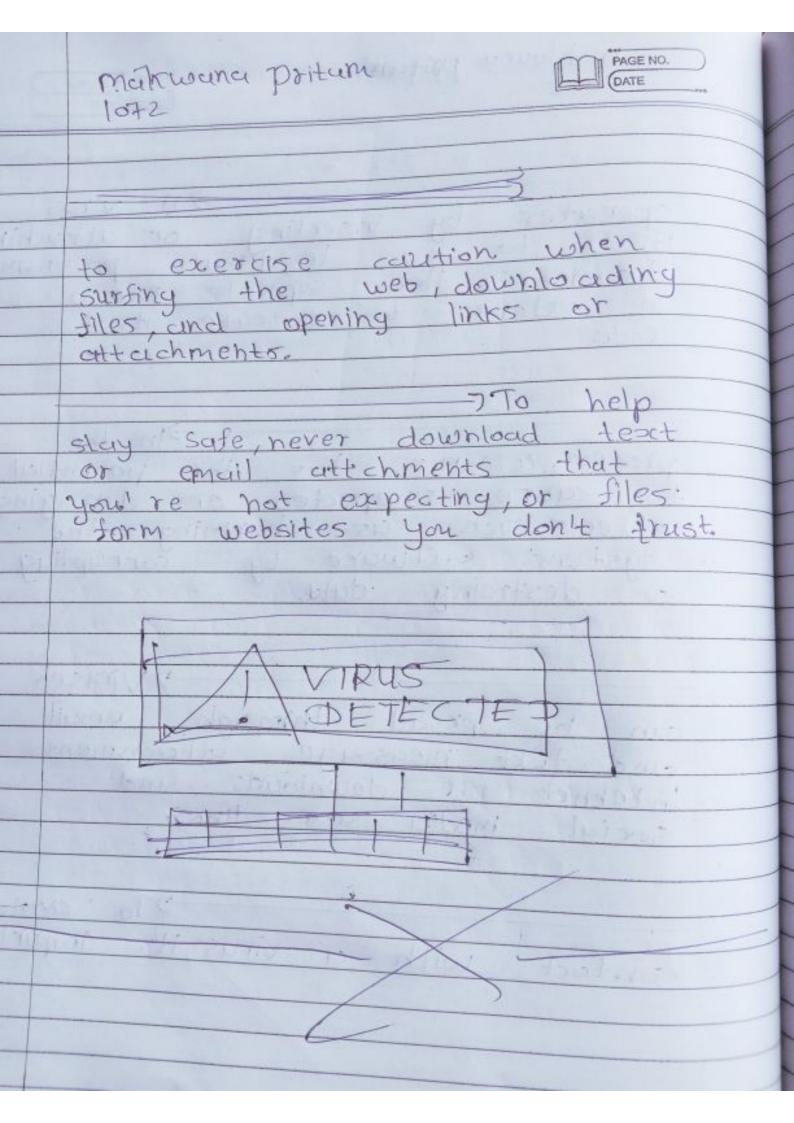


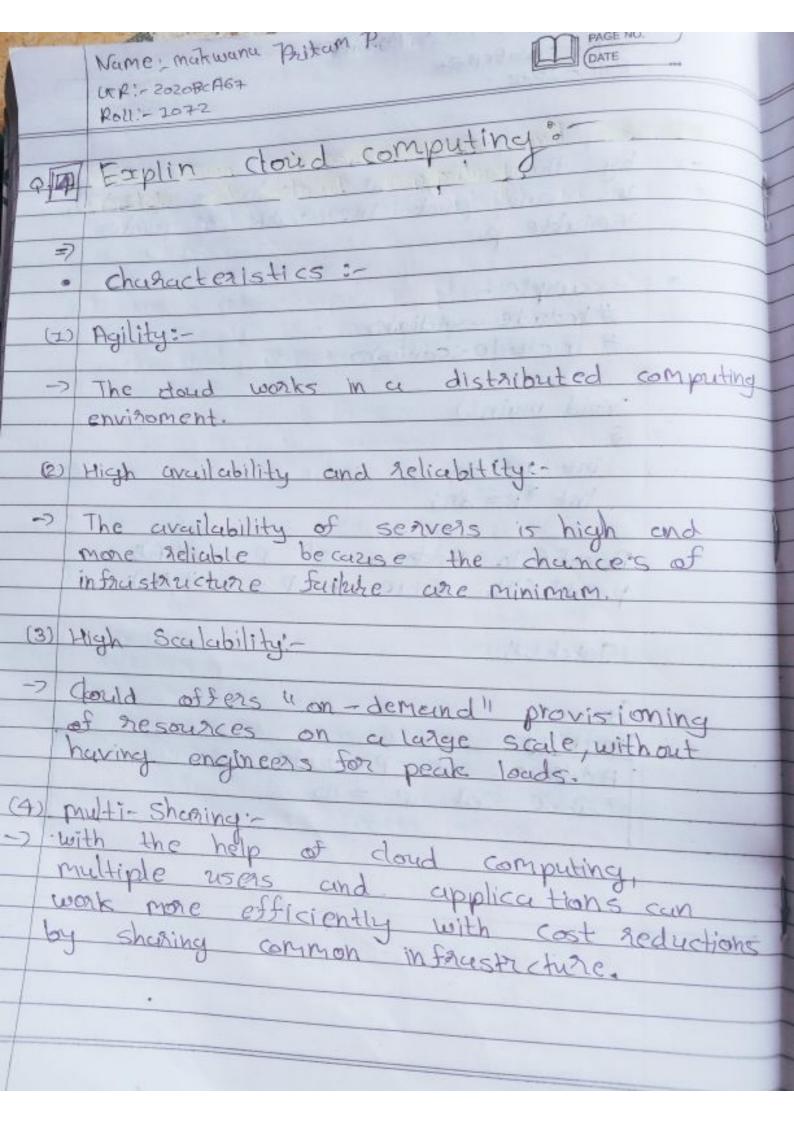
operates by inserting or attaching itself to a legitimate program document that supports macro in ordere to execute its

process, a virus has the potential to cause unepected or damaging effects, such as harming the system software by corrupting or destroing data.

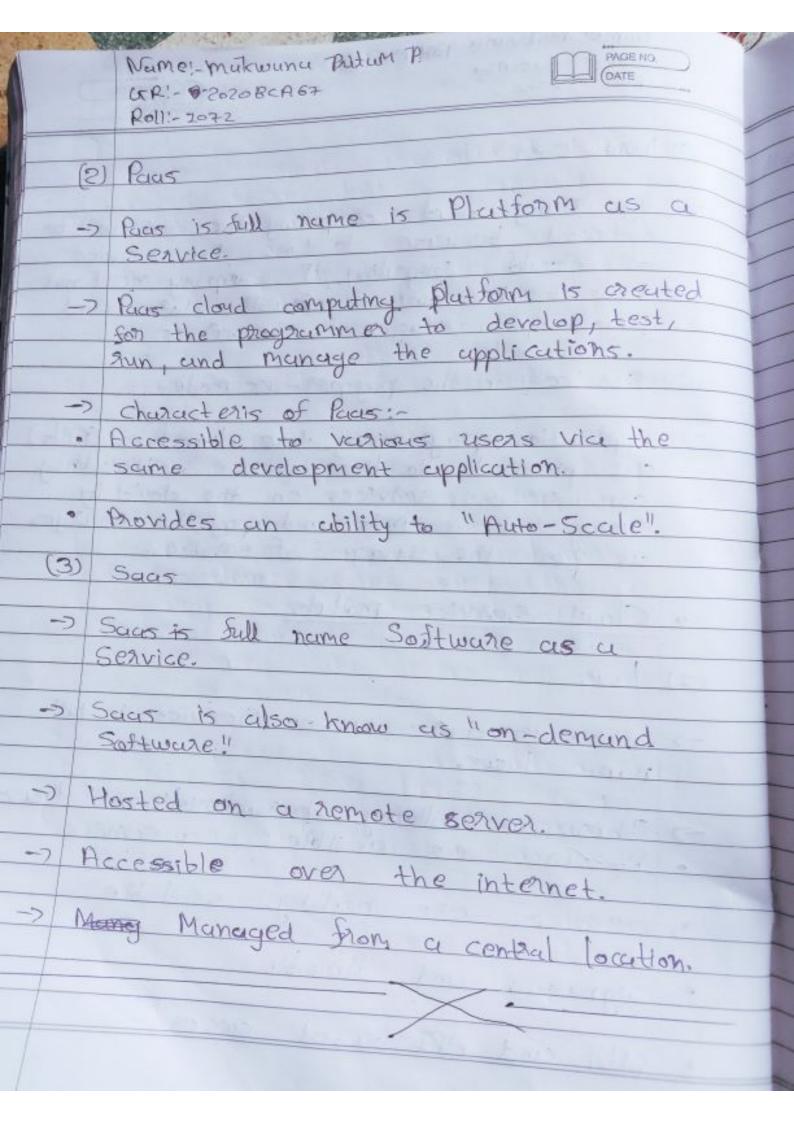
can be spread through email and text meassage attachments Internet file downloads, and social media scam links.

contact with a virus, it's important



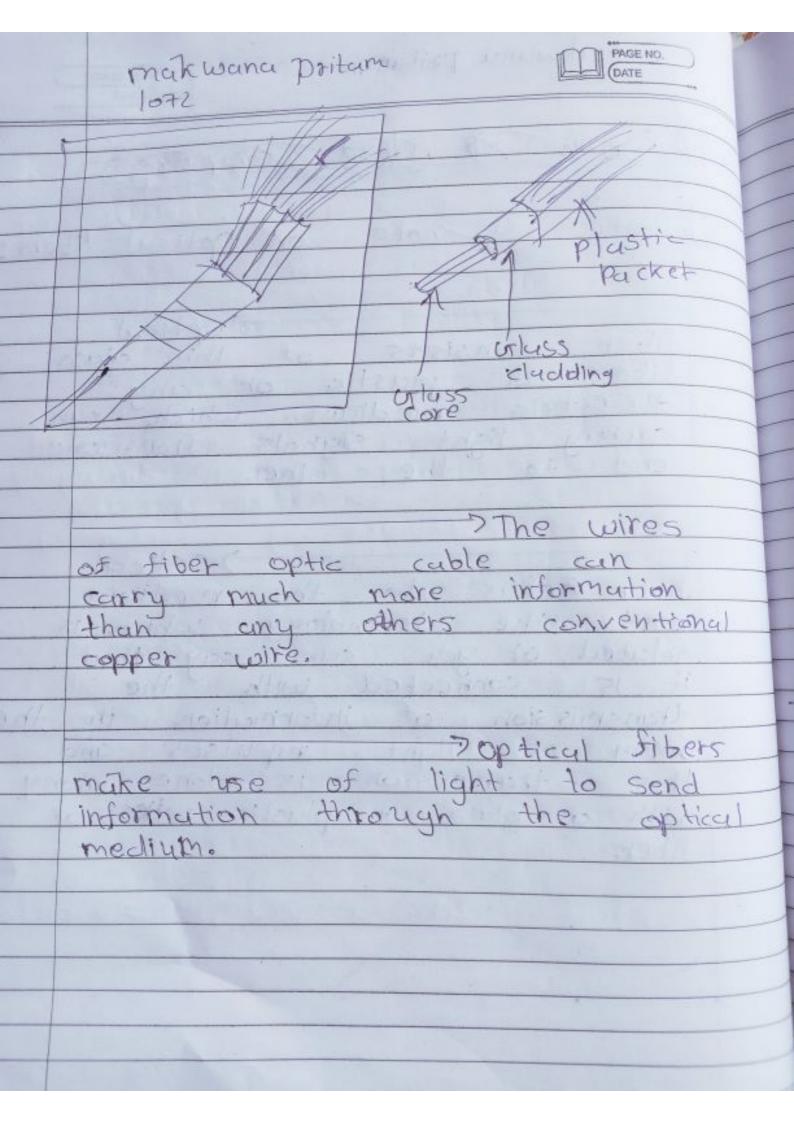


Bern	Namo: makwana Pitam P	
	CTR:-20208CAG7  ROLL:-2072  PAGE NO.  DATE	15-
	(5) Low Cost:	
	(5) (600 Cesse	-
	-> By using cloud computing, the cost will be seduced because to take the service of cloud computing. IT company need not	
	to set its own intrustructure and	1
	pay-as-per usage of resources.	100
F.	Cal Carriers in the man was as a low	100
	Services in the pay-per-use mode:-	
-5	Application programming the Interface (APIs) core provided to the users so that they can access services on the clou'd by using these APIs and pay the charges as per the usage of services.	
	Cloud Service models	-
0	CIDUA SERVICE MOARIS	-
1-3		-1
I	luas	-
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	name asis.	
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	transfer and a series of the second of the s	
0	Services one highly scalable	
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4	Dynamic and Alexible	
	Tynamic and steamer	
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makwana pritam PAGENO. 1072 Company of write a note on optical fibers: fiber consists of thin glass fibers or plastic or any dielectric medium which can carray light signals from one end to the other. ) Optical fiber Refers to the medium cond the technology which is Related, or you can say that it is connected with the transmission of information in the form of light impulses and this transmission is done along with a glass or plastic white or

fiber.



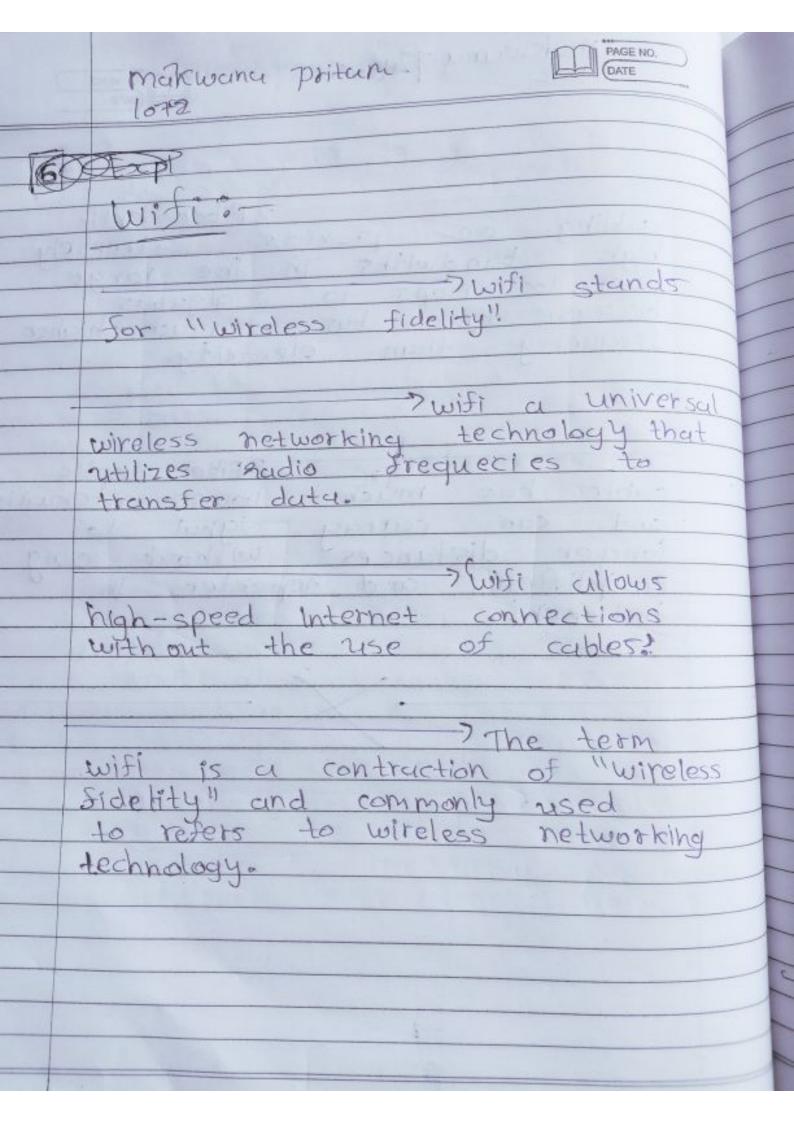
## makwana Pritari



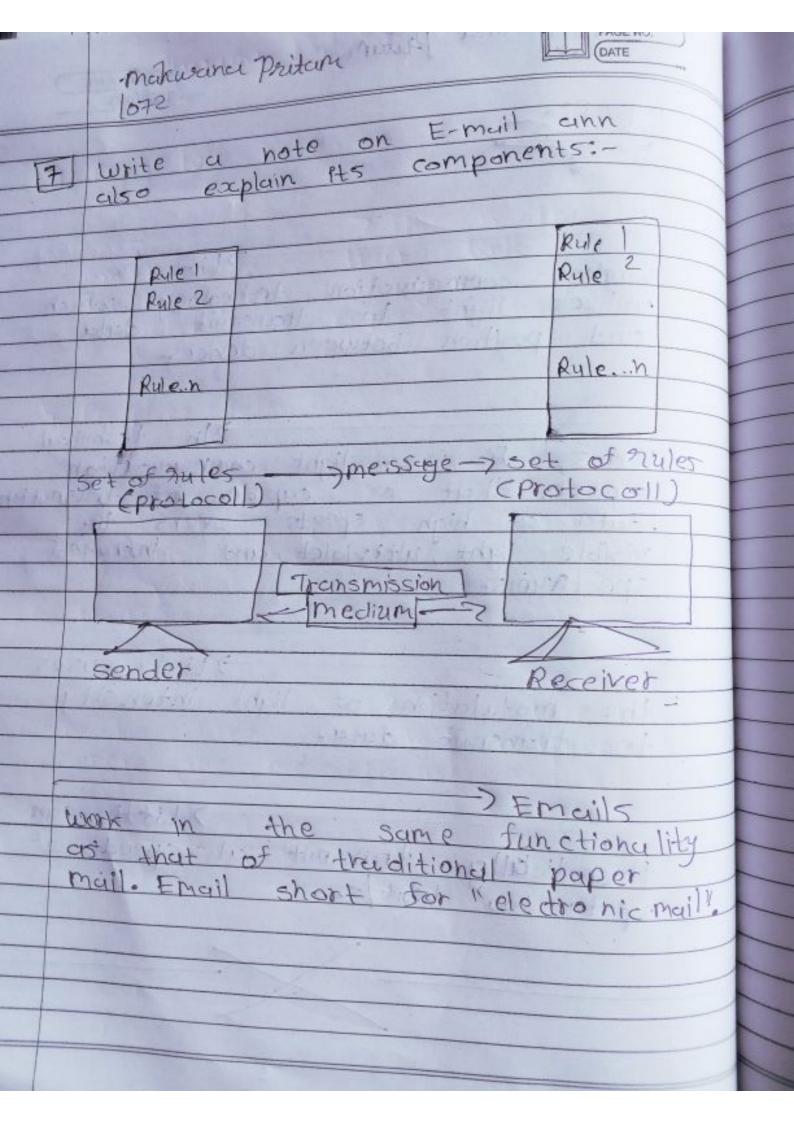
cabling can provide extremely high bandwiths in the range from 100 mbps to 2 gigabits because light has a much higher frequency than electrity.

cable has much lower attenuation and can carray signal to longer distances without using amplifiers and reperters in between.

Name: makwana Pritam P. UR: 2020BC A67 Roll:-1072 6 Explain? Blue tooth, Wifi, Lif: -. Bluetooth is a wireless technology stand-cond used for exchanging duta between fixed and mobile devices over short distances using UNF redio waves in the industrial scientific and medical redio bands. -> A Bluetooth technology is a high speed low powered wineless technology link that designed to connect phones or other portable equipment together. -> Bluelooth can connect up to " eight devices " simultaneously and each devices offers a unique 40 bit address from the IEEE 802 standard with the connections being made point to point or multipoint. 2 Bluetooth Network consists of a personal Area Network or a pinconet which contains a minimum of 2 to maximum of & bluetooh peer devices. · Bluetooth Applications: Condless Desktop.
Ultimate headset. Multimedia Trunster.



makwana Pritam wireless communication technology which ratilizes light to transmit data and position between devices. -> In technical terms, Li-Fi is a light communication system that is cap ble of trasmitting data at high speeds overs the visible light, ultriolet, and infrared spectaums. the modulation of light intensity to transmit data. - > Litfi can theroticially transmit at speeds of rup to 100 libit/5.



# makwana pritam · componets' 1. Subjects! -> subject is a description of the topic in most email systems that list email messages individully. 2. Sender [form]:-> This is the sender's Internet email address. It is usully presumed to be the same a different one is provided. 3. Date and time secrived: -7 The date and time the message was secived.

