	Date:
	SECTIONI
	Increase length
	Add more headings Draw neat diagrams Write complete logic and steps in math portion
	Part a:
	Difference b/w Climate and Envivonment
	Different between environment and Climate is
	that climate mains its temporature by exchanging energy
	with the environment For instance, when water evaporate
	it dakes away the energy making environment cod;
	and when it condenses it releases energy making it worm.
	Air Pollution:
	Air pollution is the release of dangerous substance
	such as dust, fumes, gases, and chemicals in the air which
	causes acute and chronic harm to the living being. Deple
	-tion of the Ozone and global warming are the direct
	result of air pollution
	Factors responsible for air pottution in Pakistan
	Tactors responsible for the formation in the second
1)	Exhaust from cars/transportation Vehicles:
	Transportation vehicle (with combustion engines) release
	toxic goses in the cur that causes air pollution.
100000000000000000000000000000000000000	Dece

	Date:
	Part b:
	Vitamins are the Organic compounds need by
	the human body to function properly. Vitamins come from
	fruits and vegetables. Human body does not produce any
	Vitamin.
	Role of Vitamins in human body:
1-	Vitamins are important for regulating metabolism of
	human body, by helping in digestion of fat, lipids and
	proteins.
2-	Vitamins are the Cofactors in the production of Coenzy
	es that assist them in their working.
in	
3-	Vitamins are critical for formation red blood cells (RBCs),
	DNA, Neurons, mucus membrane etc.
4-	Vitaming help the body maintain proper Skin, teeth, bones and proper Jevels of calcium and phosphorous.
	and proper Jevels of calcium and phosphorous.
5-	They also play on important role for clotting of blood.

	Date!
-	
	QUESTION NO.3:
	art a:
	Buses:
	Buses are the devices that are used for
	transferring data between different components of computers
	for communication between different component and they
	are used by CPU to communication to different devices
	within a computer System.
•	Types of buses:
1	Types of Outs
	There are three basic types of buses that
	inere are busic agree of boscs one
7	are employed in a computer system. They are:
	Data bus
	Address bus
	Control bus.
-	Data bus:
	Dota bus is the most common type of
	bus in a computer system. It is used for
	transferzing data between different components in
	The bound of the contract of t

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Date:	
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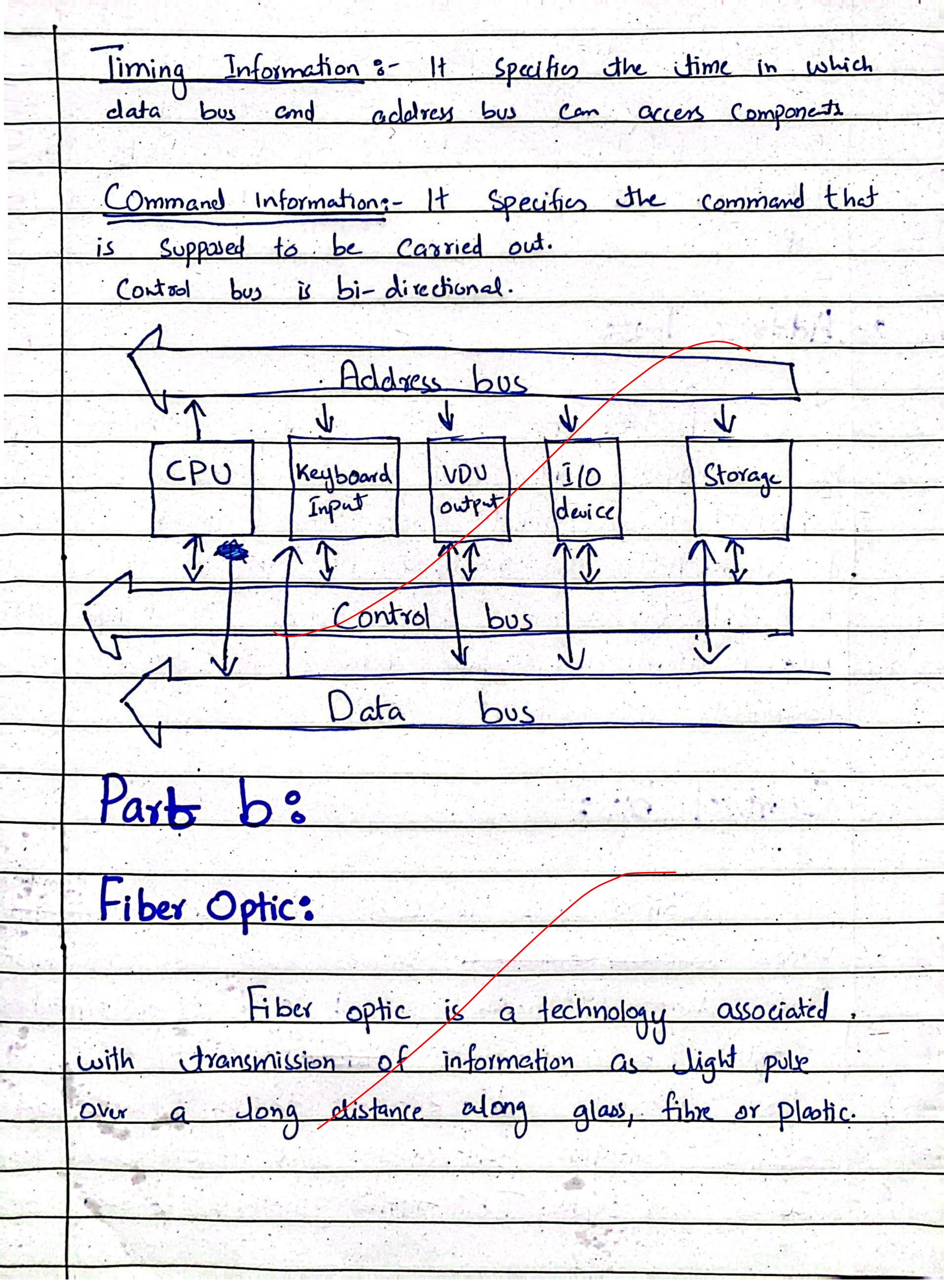
the number of line indicate the data that can be transfered at one time. For example 64 line data bus con transfer 64 bits of data at one time. Data bus is bi-directional it takes receives and selb information from CPU.

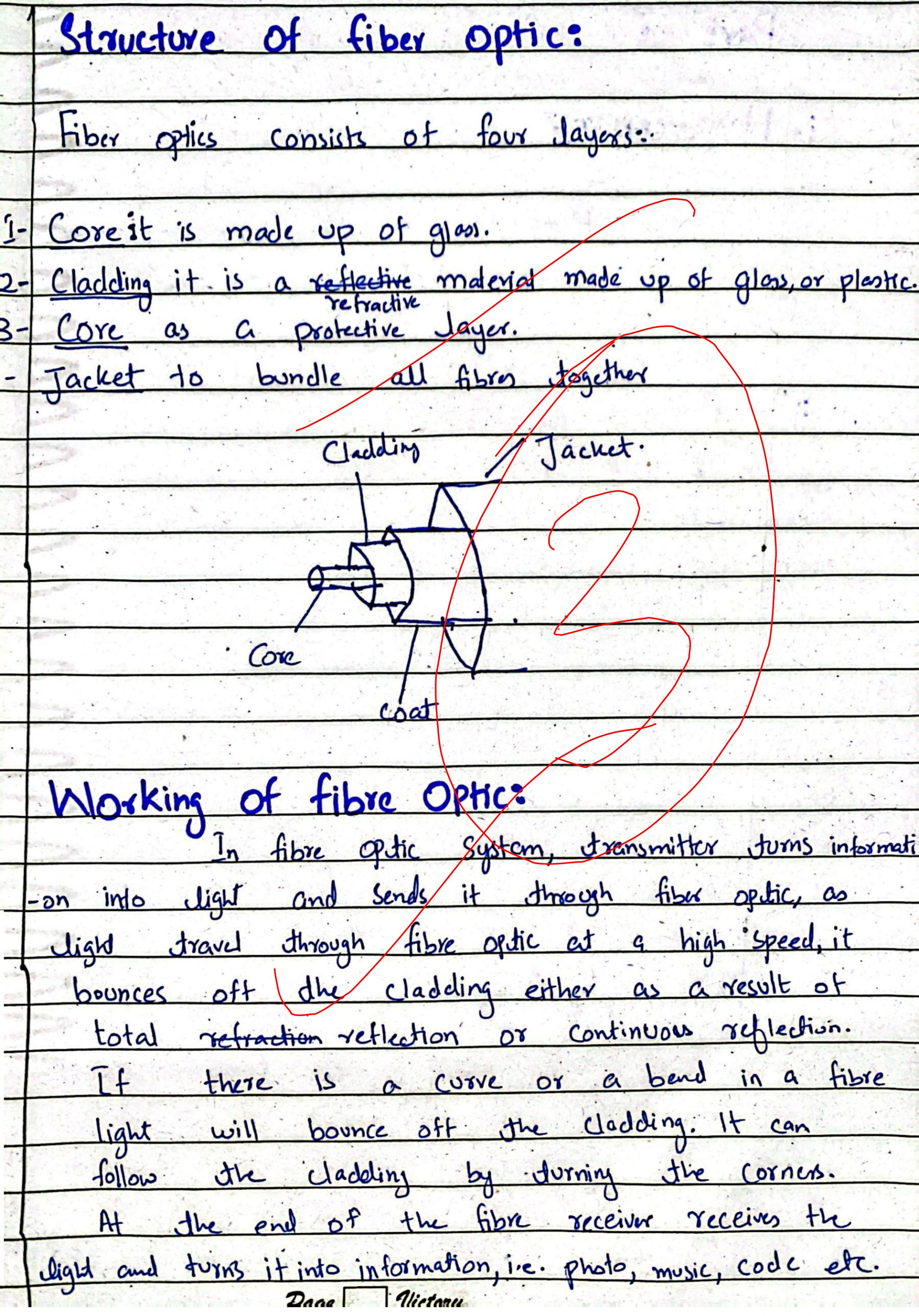
## 2- Address bus:

Address bus is used to identify Ucrious components
In a computer System and help them communicate. Every
Component in a computer system has a unique address arrigh
to them. Address bus multiplex the data bus, without address
bus data bus can not access storage or to devices. Address
buse is unidirection, it takes data from CPU to other
Components of computer.

## Control bus:

Communicate is used Control Sud computers components devices had in a computer system. Various Physical Cable or a printed circuit. through happens dransmits different control signals to bus Control and external devices. Direct control. internal both bit enable lines, fault line, read/write contains Signal and status. The signal contains following data: lines





and the second	
	Part C:
1.	HYPOCENTER:
	Hypo-cester is the place where the
	continguale accures. It is under the surface of.
	Earth. It is below the epiceter.
2-	EPICENTER:
	Epicentre is the Jocation of the earthqual
	It is on the suxface of Earth: It is above
	hypo centre.
3-	Magma:
Carl Carl Marks	Magma is a red hot diquid, it consists of
	molten vocks and is present in a valcano. Once magma
and the same	flow out of valcano it is called lava.
Salaries Inch	Part d:
	Big Bang:
	Big hang theory is most widely accepted
	itheory about the origin of universe. Big bong suggests
	that their was nothing, which exploded, its explosion is
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Called the big bong. Since the big bong Universe
is expanding. Sun: Stars, planets, galaxy and everything ebe formed during the expansion.
ebe formed during the exponsion.
AF COTONI II
SECTION IL
PART a:
Raine
Radius of cydinders = 8 cm
Volume = C
5010
V = Vadios x height
$\frac{1}{1} = \frac{8}{2} \times \frac{15}{1}$
$\left[\frac{V=96\text{cm}^2}{}\right]$
Volume of cylinder is 96 cm².
Part b:-
Angle of hexagon z 235°c
Post C:
Data Lengtt = 4.6
depth 2 4.6
Width: 2.2
Surface area=?
Distace areas

Date:	 
Date	

Surface area = lenght x depth x width

= 4.6 x 4.6 x 2.2

= 46.552

Surface orreaz 46.552

## PART d:

Height of house = 10m

Height of Maddor = ?

Bose of dadder = 3 m away.

Height of Jadder z Bose + total height of house

2 Ider

height of ladder

13 moln

## QUESTION 7:

Part a:

315=0.6

5/3 = 1-66

1 x 0.6 2 0.6

1 x 1-662 1.66

1-66-0.6

1.66 = 106.1.

Part b:
Data:
Chocolate to ice = 5:8
No. of Chocolate = 30
find ice/crea =
$= \frac{1}{8} \cdot 8$
436
2 48
I crecreon come will be 48
»tc:
Table = 30.mg
No. table for 240 mg = ?
Sol?
2 240
30
2 &
Mr. snith need 8 tablets for 240 mg medication.

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7	21	4		KI.D	1	The state of
	-		•		_	
			440		College Street	

Post de

Average of 50 nuber = 20 nuber 2 · 37 and 43 discorded

= <u>1000 - 37</u> = 963 - 43

2 920

Average of remaining numbers =