Day:

Section: Introduction= According to Asian Development Bank, 2023 year was the hotest year in human history. It is the result of global warning which are the fruits of humans activity. Developing countries are facing this issue more seriously because of lack of funds, capacity building etc. Major Hurdles in Developing countries: 1. Lack of funds for transition to renewable Resources Developing countries faces the global warming at higher level. Moreover, these countries face funds challenges for transitions to renewable resources. Pakistan is warming. facing this crisis and fords, famine etc are results of global D. No legal Sanctions on violations of COPs objectives COP28 was held in Duhi Expo city and many decision are taken. But, min question in failure of previous conference is that there is no legal sanctions on violations of Cops objectives. The result of this is seen in temperature increase.

_		
	C. Relgs on Fossil fuels for energy produ	iction:
_	Almost all countries are totally or partiary depend	
	on fossil fuels for energy production Burning of fossil	
	fuels produces hazardous Chemicals/gas such as Nox	
	Soxeti. These pases are responsible in increasing the	
	temperature of the world According to IPCC, the energy	
	sector contributes 35 percent in global warning.	
	d. Lack of Multilaterial Cooperation	
	from Developed Countries	
	Lack of multilateral cooperations towards the underdevelop	ng
	countries are hurdles in controlling climate change. The estin	
	loss is in between 275 billion dollars to 350 billion dollars but	1
	collection was only 700 Million dollar in COP28 Loss and Dum	• •
	3. Conclusion=	
	The climate change is the result of homans activiti	ek-
	But, it can be controlled through collective response	
	and provides funds to underdeveloping countries because	
	these countries face heavy damage. Moreover, equal	
	distribution is compulsory among underdeveloping	
	Countries.	
	MC JUC	

Balance Diet= It is the diet which contains the right quantities of basic-energy required components. It right quantities are not provide, serious brealth issues are the outcomes Components of Balance Diet= The main components of balance diet are divided into micro-nutrients and macro neutrients. Micro-nutrients => Carbonydrate, Proteins, Fats. Macro-nutrients => Vitamins, Water, Minerals. a) Carbohydrates: It is the micronutrients which required in large quantity. It is essential for healthy nurvous working system. It provides energy to the body. The needs of energy for the working of heart, kidney etc is fulfilled by carbohydrates The sources of carbohydrates are. Wheat, milk, fruits etc b) Proteins= It performs the same function what carbohydrates The sources of proteins are meat, fruits, milk eggets. Excesses in proteins lead to heart problems, and deficient of proteins damage muscles, kichney etc. They are sources of energy. They transport the

fat solubale vitamiers. Sources use milk ment, oil eta

Witamins = Vitamine are essentials for bones strengthing, skin and hairs strengthing, blood clotting etc. The sources of vitamins are fruits vegetables, milk, egg, son light, cirtus fruits for vitamins Crete Deficiency of Vitamins lead to health problems. Vitamin A deficiency leads to night blindness (e) Water= Water is the chief-constinent of body. It is required for body temperature maintence, for lubrications purpose and fulfil the other neads. Water protects the human from dehydration (f) Mineralls = Minerale are essentials for bones, teeth strengths They are essential for blood clotting, healthy nurvous system, muscles building etc. Main minerals are Potassium, Calcium, Sodium, Lead etc. Sources of minerals are milk, ment Barnin, fruit etc.

//202	
(d)	
RAM-	
RAM stands for Random Access Memory	
It is the memory which computes used during proces	sing
and also it store data temperary.	0
ROM=	
ROM stands for Ready only memory.	
It is the memory which is used only for reading	
and permanant purpose	
Types of ROM and RAM=	
RAM	-
PROM [EPROM] [E	PROM
[SRAM] [DRAM]	
SRAM=> It stands for Static Random Access Memor	4
DRAM > Dynamic Random Access Memory	-
Both stored the data when computer is ON	
PROM > It stands for Programmable Read Only Memory	
EPROM=> Exasable Programmable Read Only Memory	
EEPROM=> Electrically Exasable Programmable Read On	
Memory (All store data permanently)	0

Difference Between	
RAM	
It stands for Random of stands for Read	
Access Memory. Only Memory.	
It only store data when It stored the data	
power is on and lost data perminently and not	
when power is off loss when power is off	
It can store data upto 10MBs . It can store data in GiB	
It is volatile memory of is non-volatile memory	
It is volatile memory of is non-volatile memory. It is fast memory storage of is usually slow memory	1
(c)	
Artificial Intelligence=	
It is the programming that performs the same function	ns
what a human mind performs. In other word, it is	
the advanced brain of computer.	
How Artificial Intelligence Works-	
The human brain is working using nurous and similar	4
Artificial Intelligences using machine language	
for performing of specific task. The machine	
language is in binary form i.e. o and I.	

Role in Revolutionized today's World

1. In Education=

The Role of machine learning is not neglected in The education field. The promotion of Chat GPT, the Grammer checkes etc are all operating on machine learning. Students not only get helps in their studies but also learned skill through Chat GPT and others

2. In Industry=

The Role of AI and machine learning is very executed in industry. AT is used in industry and performed all work without humans help. It is machine learning beyond this advancement. The fautopilet is the best example of machine language About I million labour lost job because of it.

3. In Social Life=

The role of AI in social life is very important and it can bee seen in these days. Artifical intelligent in social media maniplute the persons opinions and also used for honting purpose. People can find and purchased any thing through AI. All this technology is based on machine language and coding. The Coding is working according to the instructions

	/	
	SectionI	
	96	
	(a)	
	First Candidate votes = 45000	
	Second Candidate votes = 10000	
	Third Candidate votes = 8000	
	Total number of Notes = 15000 +40000 + 8000	
	= 33000	
	Percentage of winning candidate:	
	15000 × 100	,
	33/000	
	= 45.45%	
	111	
	(D)	
	Ratios of Angles of triangle = 3:4:5 -3+4	+5
	Sum of Angles of triangle = 180	
	One ratio of about on total = 480	
	42	
	=15	
,	1st Analo -2 x45= 45 domes	
	1st Angle = 3 x 45 = 45 degree 2nd Angle = 4x 45 = 60 degree	
	3rd Angle = 5x15 - 75 degree.	

	(0)	
	The Ratio of present ages of $A = 6$	
	let Age of $B \Rightarrow \chi$ let Age of $B \Rightarrow \chi$	
	let Age of B⇒y.	
	The Present age Ratio is: $\frac{1}{y} = \frac{\delta}{7}$ $\Rightarrow x = \frac{\delta}{7} = 0$	<u></u>
	y = 7 /70 pt	<u> </u>
	Age after fisse year Ratio is:	
	$\frac{x+5}{y+5} = \frac{7}{8}$	
	8(x+5) = 7(y+5)	
,	8x+40=7y+35	
	8x - 7y = 35 - 40.	
	Put eq. $0 \Rightarrow 8\left(\frac{5}{7}y\right) - 7y = -5$	
	$\frac{(70)}{48} = -5$	
	488-499 = -5	
	7	
	-y=-5x7	
	$-\frac{1}{3}=-\frac{1}{3}$	
	y = 25	
	Present Ages are:	
	A= 6 (38) =30 years Are.	
	B = 38 years	

G8 (a)	
let the three consecutive odd numbers are n, n+2, n+4.	
According to conditions	
n+n+2+n+4=273	
3n+6=273	
3n = 267	
$\gamma_1 = \frac{289}{4}$	
m = 89	
1st odd number = 89	
2nd odd number = 89+2 =94.	
3rd odd number = 89+4 = 93	
(B)	
1). 4, 16, 36, 64, 100, 144	
i) 30,29,27, 24 20,15	
ii) 4,7,15,25, 37 51	
iv) 0,2,6,12,20,30,42	
v) 48, 24, 72, 35, 408, 162	
THRSI-> SHIRT	
HIODALY-> HOLIDAY	
SCHAMOT -> STOMACH	
GNDREA -> GARDEN	

	Day:	
	(a)	
	let Sora Age = x	
	Then	
	Sards Mother Age = 6x	
	Hex Boothex Age = 2x.	
	According to Conditions:	
	x + 6x + 2x + 9 = 72	
	9x+9=72	
	$\frac{4x-63}{}$	
	$\chi = 63/q$	
	$\left[x-7\right]$	
	Now, Sara Age > 7 years.	
•	Mother Age => 7x6542 years	
	Ali Age = 22x7=44 years	

Day:

 $\frac{94}{a}$

Solid Waste Management

The management for collection of waste segaration, and dumping of waste is known as solid waste management. It is under the government or private sector.

Characteristics of Solid Waste Management

Collection Points: The collection points for waste must be at the center of city. No school, hospital And liberary within radius of 6 km. Transportation: Collection is important and difficult

task. It must be done with small vehicles to large vehicles

Segaration: At collection point, the segaration process performed.

Methods Employed in Solid Waste Management

After segmention the weeste is dumped in many ways.

Open Dumping-

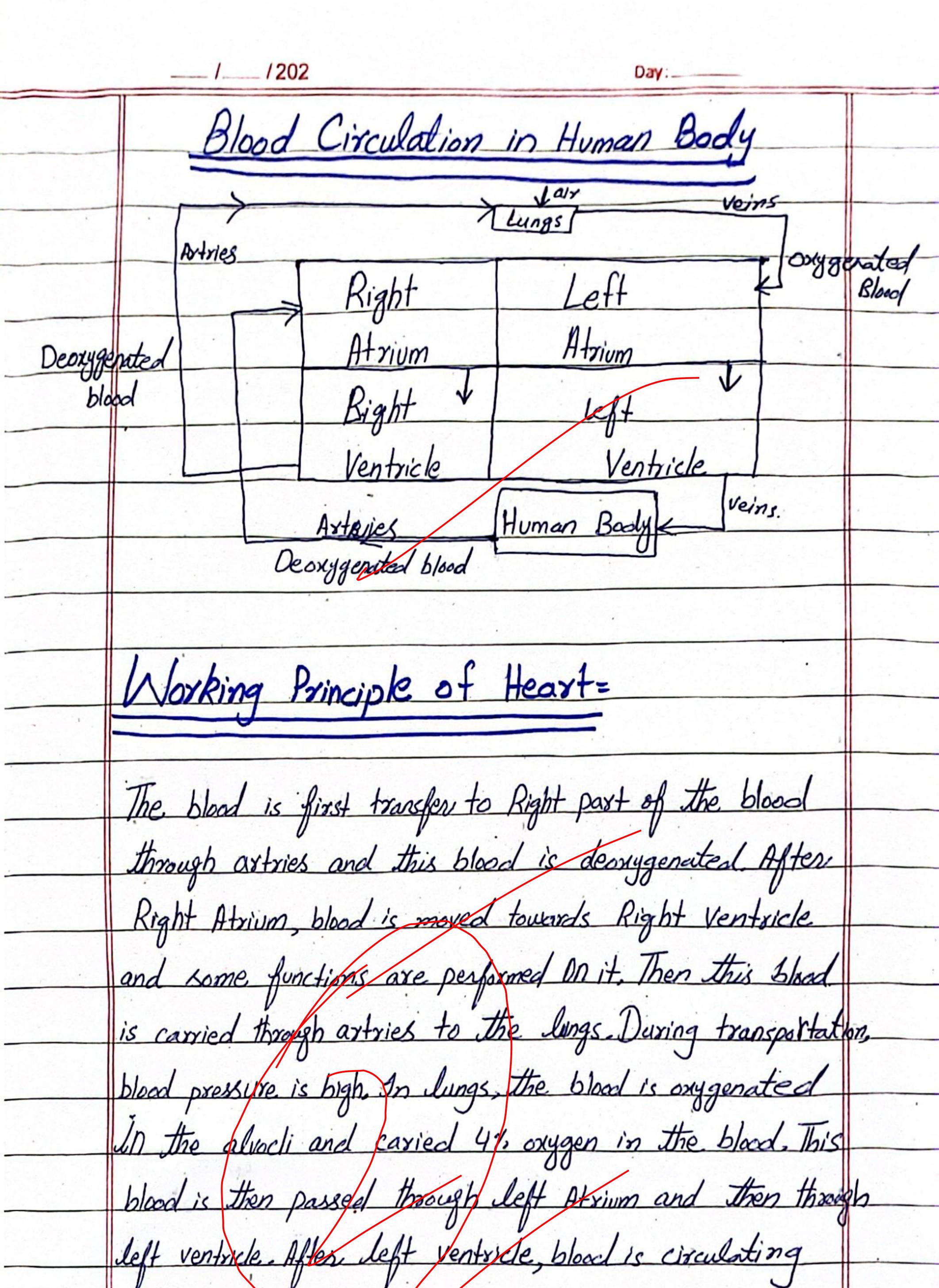
It is an old technique, and unsustainable technique.

This technique is not in society favour because waste is dump openely outside the city. It becomes source of pollution.

2. Composting = In this type, the waste is converted into useful festilizers. In this

same time

technique, waste is dumped in such a way that organic wrste which is known as compositive is produced. The compostive is used as a festilizer. 3. Incineration= In this technique, the waste is incinerated in an incinerator which is operated at 200 to 300°C. It is mostly suitable for small institutional or hosiptal waste disposal process H. Land filling = In this process, waste is desposed in the land The land which is used for this purpose must be away from city and houses. Dimilarly, make sure that waste not interact with the ground waters Human heart is important organ for the circulation of blood. It's importance in human body is determined that the pumping of heart is essential for survival The human heart pump 74 times in one minute and it take 5 ml blood in one pumping action It is divided into three parts. Moreover, human heart is operating oxygenating and deoxygenating blood at the



through whole human body. AV modes are used for

of heart becomes permanently stopped

electric charge. This process is continue until the pumping

Scanned with CamScanner

1 · · · · · · · · ·

Microwaves

Microwaves has more energy and frequency than radiowave.

Microwaves are used in overas for heating the foral.

Microwaves are used in speed checking cameras

Microwaves have high wavelength after radio

waves.

Ultraviolet waves=

Ultraviolet waves have more energy and frequency.

Than visible light

They are used in materials which convert UV

light into visible light.

X-Rays=

More energy and frequency than all except Gamma

Yays.

X-Rays are used in body scanning operations.

X-Rays are used to visulize the internal

structure of the atoms

Mgo Pia =

It is also known as nearsightedness. It is a condition In which an image of a distant object becomes focused in front of the retina, making distant objects appear out of focus.

Hyperopia=

It is also known as parsightedpess. It is a condition in which an image of a distant object becomes focused behind the retina, making objects up close appear out of focus.

Major Parts of Human Eyes-

- Corned
- Z. Choxid