

- 12× f 'n' in each ratis triangle So, the nd girls. Each A group consist gists available = 102 Total numbers of nake group = be known = 17 x Boy Total Thus, total boys are 68 which required for such groupings. The ratio of present age of After 5-years the ratio became of A and B can be represented as

6x and 7x respectively and becaster

5 years became

(6x+5): (7x+5) .: 7:8 8(6x+5) 4921 + 86 35 4921-48 M 40-354 Present . Present age and The present age B = 35 years. A=30 Jears

Q.#.8 (a) let's the consecutive three odd numbers are n, (n+2), (n+3) Sum of three odd consective number = 273 x + (1+2)+(x+4) = 273odd jumbers are The three consecutive by put value x = 89, x + 4 = 89 + 4 = 93three consecutive odd Hence, the sum numbers are 1893 4, 16, 36, 84, 100, 144 The difference between second and first number is 12. While the third number is obtained by di adding thele with eight(s). Similarly which then again add the sum of (12+8) is twenty which then again add eight to give fourth number. Similar sequence is follow in the series.

2) 30,29,27,24,20,15 In the following sequence, there is consecutive decrease of number natural number from 1,2,3,4 and 5. Thous, 2 second number get by subtracting one from First number and third number get by subtracting two from second and so on. The remaining series also follow the same sequence 30, 29, 27, 24, 2, 15 3) 1, 7, 15, 25, 37, This series add by six, third number number is sy adding eight with two and so on Thus the missing number 37 is obtained by adding its last number twenty five with twelve-4)0,2,6,12,20,30,is obtained by The following series adding the multiply of two in each minher. The second number by adding two, third number by adding four multiple of two by two) and third number by adding six (multiple of two by three) and so

on-

This equence is following the series by dividing to get next. Then by multiplying to get another word. It used alternative divide and multiply to get next words.

Q.#.8 (c)

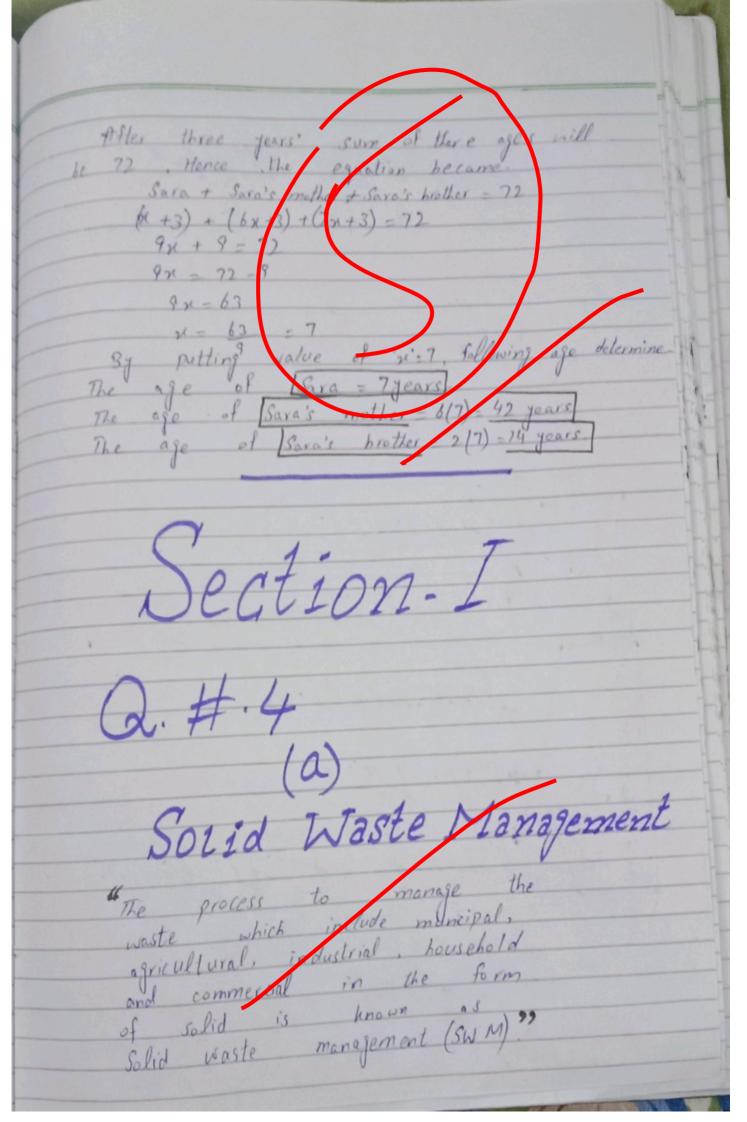
THE Word THRET is a jumbled word with disorder sequence of a correct word "Shirt". The Shirt is use a drees for human which cover upper part of the body. So, the correct word from the given jumbled spelling is SHIRT.

The following jumbled spelling has the correct word 'Garden'. The Garden is a form of horticulture which used for flowering, food and ornament purpose. It also enhance the beauty and decoration of land. Hence, the correct word from the given jumbled spelling is Garden.

3) SCHAMOT: STOMACH

The word "SCHAMOT is a corre-jumble

spelling of "Stomach". The stomach is an organ of human body. It do is a grant of digestive system which digest the food. In a nutshell the comed word of jumble given word is STOMACH. 4) ONLNDG word "ON WOD" to rd 'london' london is his United Kingdom. It is famous beauty skyserapper building and correct word from rd in ladon. 5) NIODALY, HOY from the given misplaced The usually spoken then a person is free from his regular duty, and enjoy and makes dest on that specific day In conclusion, the given jumble word is a correct spelling of holiday let's the age of Sara = x The age of Sara's mother is six times age of Sara = 6(x). The age of Sara's brothe is twice as of Sara = 2(x) After three years there age becomes. _ Sara = N+3, Sara's mether = 6x+3 Sara's brother o 2n+3



Methods In SWM

The process of solid waste disposal composed of several method. It include composed of several method. It include to decomposition without pollution of solid waste treated solid waste. The solid waste treated as separately for biological and thermal method. The stages include thermal method. The stages include to disposal waste disposal. Some method to dispose off the solid waste are listed below.

Vermi-Composting

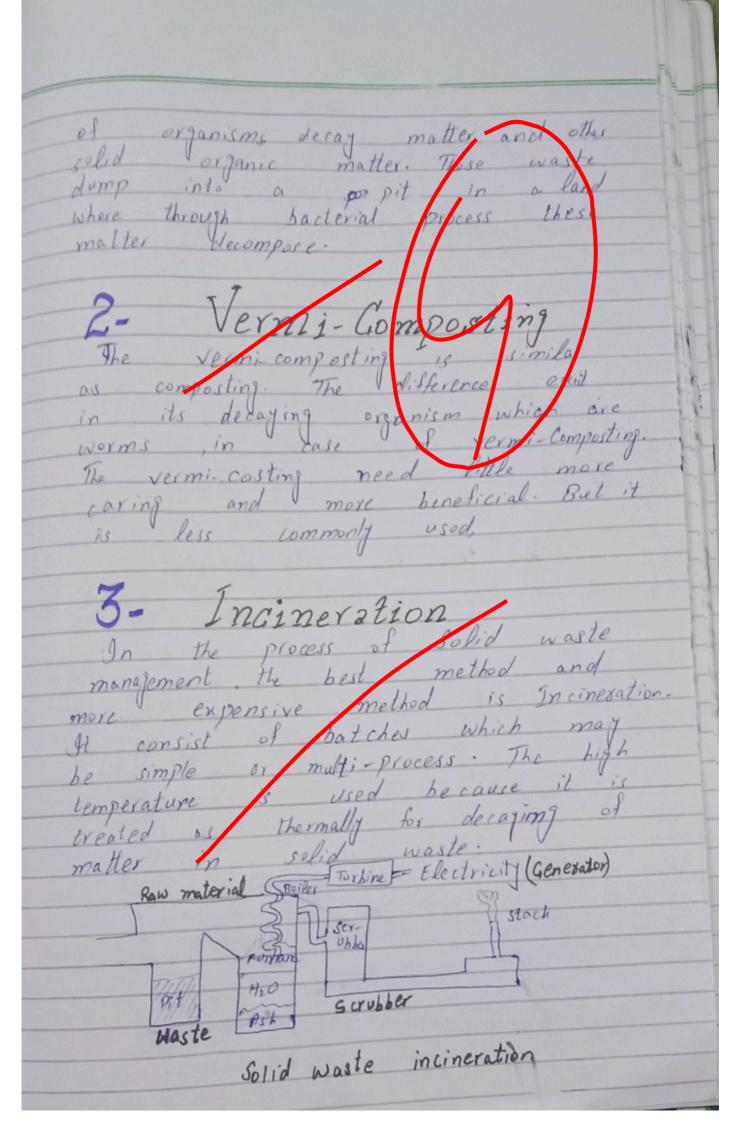
Incenivation;

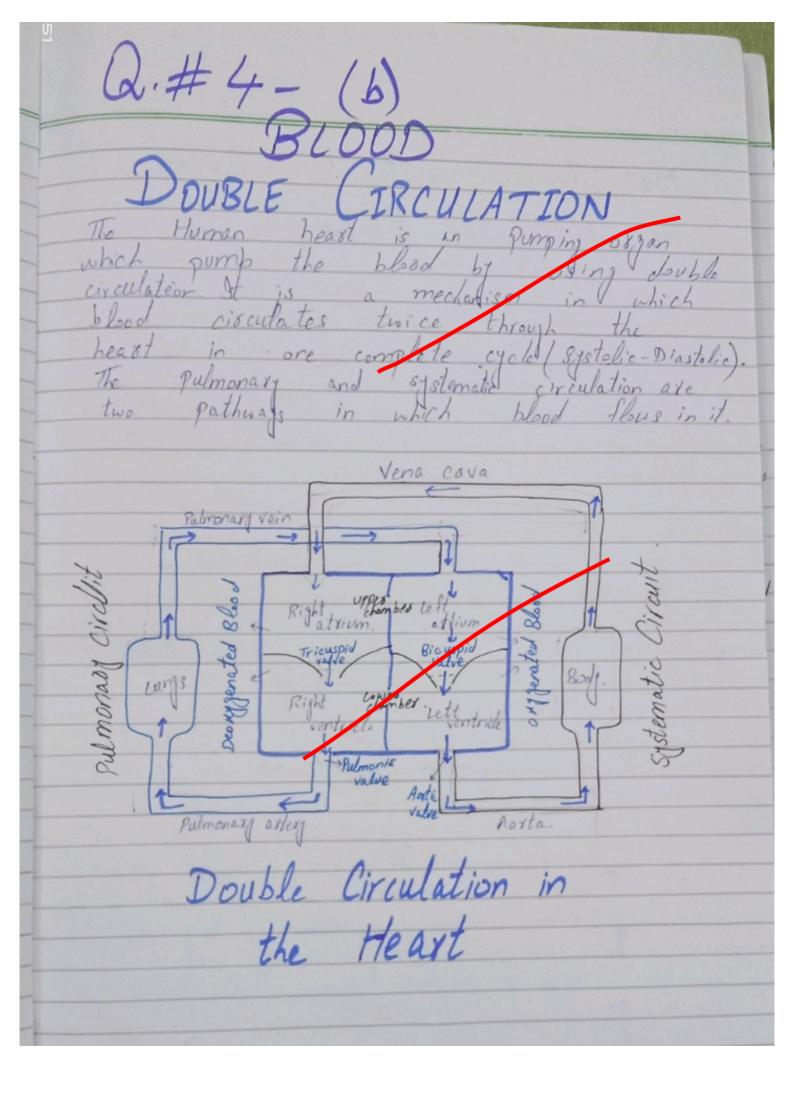
Pyrolysis;

Plasma Gastification;

1- Composting

gt is the process of decomposition
of organic matter. It is mainly
composed of remaining of plants, feces





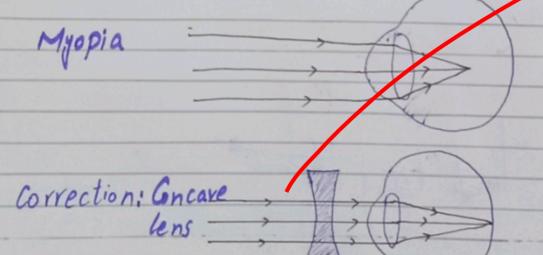
Blood Flowing in the Double Circulation -> lungs-og shot-> Pulmonexy Pulmonary Artex Right ventricle Vera cava. Deory genetal blood - Body

Casdiac Cyck: Complete Double Circulation

One complete double circulate pathway
in the peaxtheak makes up a
cosdian tole It consist of the
systolic and dastric system which
oxus st through he contraction and
relation of the semi-lunax valve,
respectively. This is the complete
double simulation adopted by the human
body for the circulation of blood.

Q.#.4 (c) MYOPIA

Myopia and short sightedness are related terms which is used a dietase.
terms which is used a dierase.
In myopia, the distant object can
In myopia, the distant object can be seen as blurred and difficulty to recognize objects. The short sightedness occur in early childhood mainly because of contact with
to recegnize objects. The short
sightedness occur in early childhood
mainly because of contact with
Led, mobile screen, deep study and
so on.
Solution to deal with myopia:
Solution to deal with myopia: The short sightedness can be treated
by using concave pur lens. The concave
lens focus on retina when light
falls on it. The detection and
clearity of blurred vision of
eyesight for distant object can be clearly visible by using concave mixrox.
be clearly visible by using concave
mirror.



Peropie lis a désease hypermetropia, of far object How Hyperopia distant objects lens. Hypermetropia correction: Conven

n of vision in all vertebrate hree colour of the . But its complexity of colour make for human beings. and minture of blessing Sclera 18/5ª cons and rojs > Choroil lens & are follows. Rods and cons: Lens

DSes of Microwave Microwaves axis a form of Clectromagnetic ways which are used in various and have low energy and highwavelength with higher frequely. The microwaves are used in various some are discussed below Dven or microwave oven, the radiation oxis with particle to not this is

These rays are reg component of radar system. This system detect, monitor and analyse by microwave.

Due to higher frequency, the semate sensing lechnologies are operated by using these rays.

Hence, the communication system is also working by using microwave x

Oses Of Utraviolet

Vetraviolet rays are a form

of electromagnetic waves which

have high energy and low wavelength.

Some uses of UV-rays are including.

VV ray are used for flourescent

These cays have range near visible

light Thus these are used to making

flourescent in daily life.

ya violet higher distunctioning, damaging disable be detected. wavelength in creasing

Q.#3 (d)

RAM

1 VIII I
10 1 1 1
(Random Access Memory)
1-Volatile Memory:
Ram is a random access memory. It
is a volatile storage memory. It
can store data remporarily when
computer turned off the data
uner 1
store of and
in computer.
2- Read and writable Data
In RAM plata can be write at
ary time and when once the
data is use it remain until switch
off. But In this date can be
yead and write many time.
3- Storage and Smaller Size:
The data and information store
in Random access memory is smaller
so, it is available in MBs. It is
also available cheaply.
5. Hardware file typey:
The storage of data occur with
the help of hardware. The chip tiles
DAM
is used in KAM.

Memory 1-Non-Volatile Rom which permanenty. Once although computer once Store 2- Only Data: already reading the data although Yead computer switched 3storage capacity: files capacity and computer depend Mardware is may

Q. # 3 (c) (Artificial Intelligence "Artificia of com intelligence computer science intelligence earm learning neural network de velopment of machine like human brain / learn and develop is known as

Working of ML: Like Human Brain
Machine learning (ML) is a part of
Actificial intelligence. It is a
median form of AI and the developed data and information link to input. At living human brain Some examples of machine learning recognition. facial and accuracy in life activities. These are common examples which help the life with digital technology. How Ml revolutionized the Worlda The world is now ofter into an artific deep learning with Nachine the world technology works manipulate learn from previous huge blessings By intellectual Contact present finger. Biometri, Spon, e-mail and form helps its

