

Qa Compare RAM and ROM.

Answer 1-

RAM (Random Access Memory)

"RAM is a type of a
volatile memory."

while,

2- ROM (Read Only Memory)

"ROM is a type of a
non-volatile memory."

3- Comparison between RAM and ROM

Comparison is as

below:

<u>Comparison</u>	<u>RAM</u>	<u>ROM</u>
i) <u>Meaning</u>	RAM is a memory that is volatile in nature.	ROM is a non-volatile memory.

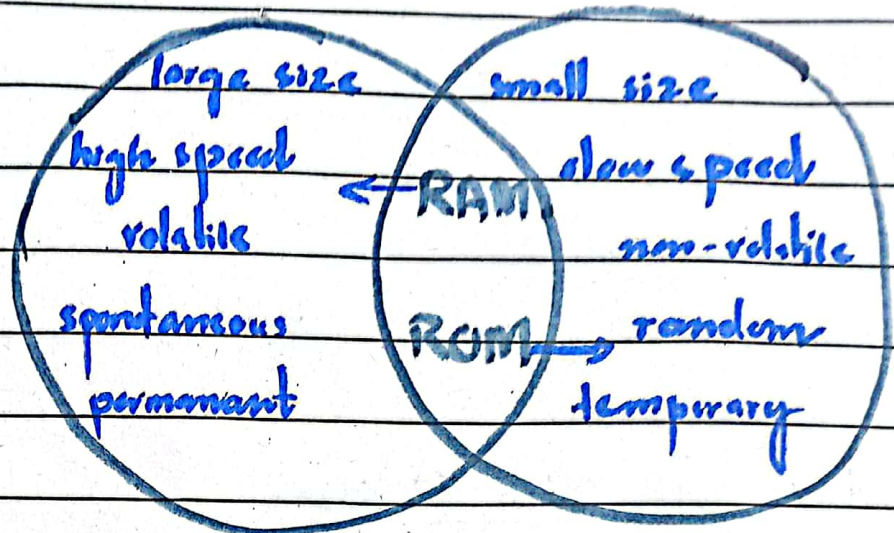
ii)	<u>nature</u>	It is spontaneous in nature.	It is random in nature.
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iii)	<u>process</u>	It processes for a long time when electric assistance is provided.	It processes even when electric assistance is not provided.
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iv)	<u>storage data</u>	It operates and store data temporary with the help of CPU.	It works and store data permanently!
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v)	<u>size</u>	It has a large size.	It has a short size.
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vi)	<u>speed</u>	It has fast speed.	It has slow speed.
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An overview of Comparison
between RAM and ROM

Qb Define rock types and rock cycle briefly.

Answer 1- Rock

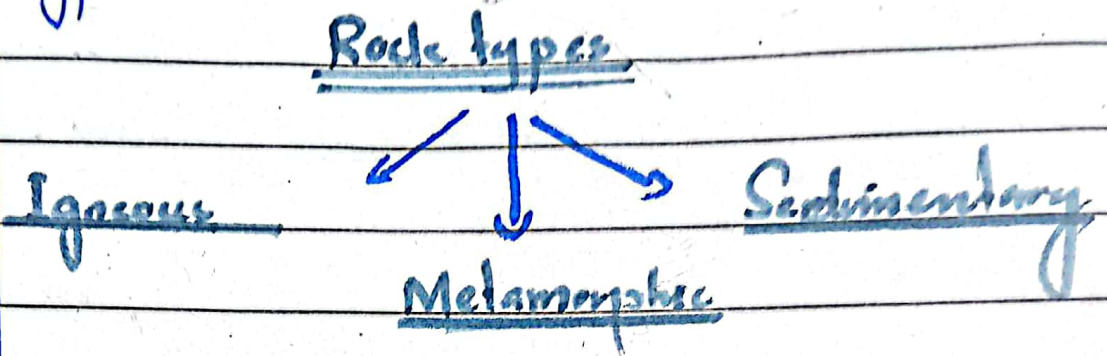
"Rock is a solid containing
one or more
minerals."

Rock is a naturally occurring solid. It is composed of minerals.

2- Rock types

Following are rock

types:



i) Igneous rocks

'Igneous means "firing".'
 Igneous rocks are formed after cooling of magma and lava.
 For example, granite.

ii) Sedimentary rocks

Sedimentary rocks are formed by weathering of existing rocks.
 For example, limestone

iii) Metamorphic rocks

When rocks are

exposed to temperature and pressure formed rocks are called metamorphic. For example: basalt

3-

Rock Cycle

"Rock cycle is a process of forming rocks from other rocks."

Following are stages:

i)

Solidification

Rocks are formed from hot magma and lava by becoming cool.

ii)

Erosion

These rocks exposed to breakdown as sedimentary into sediments.

iii)

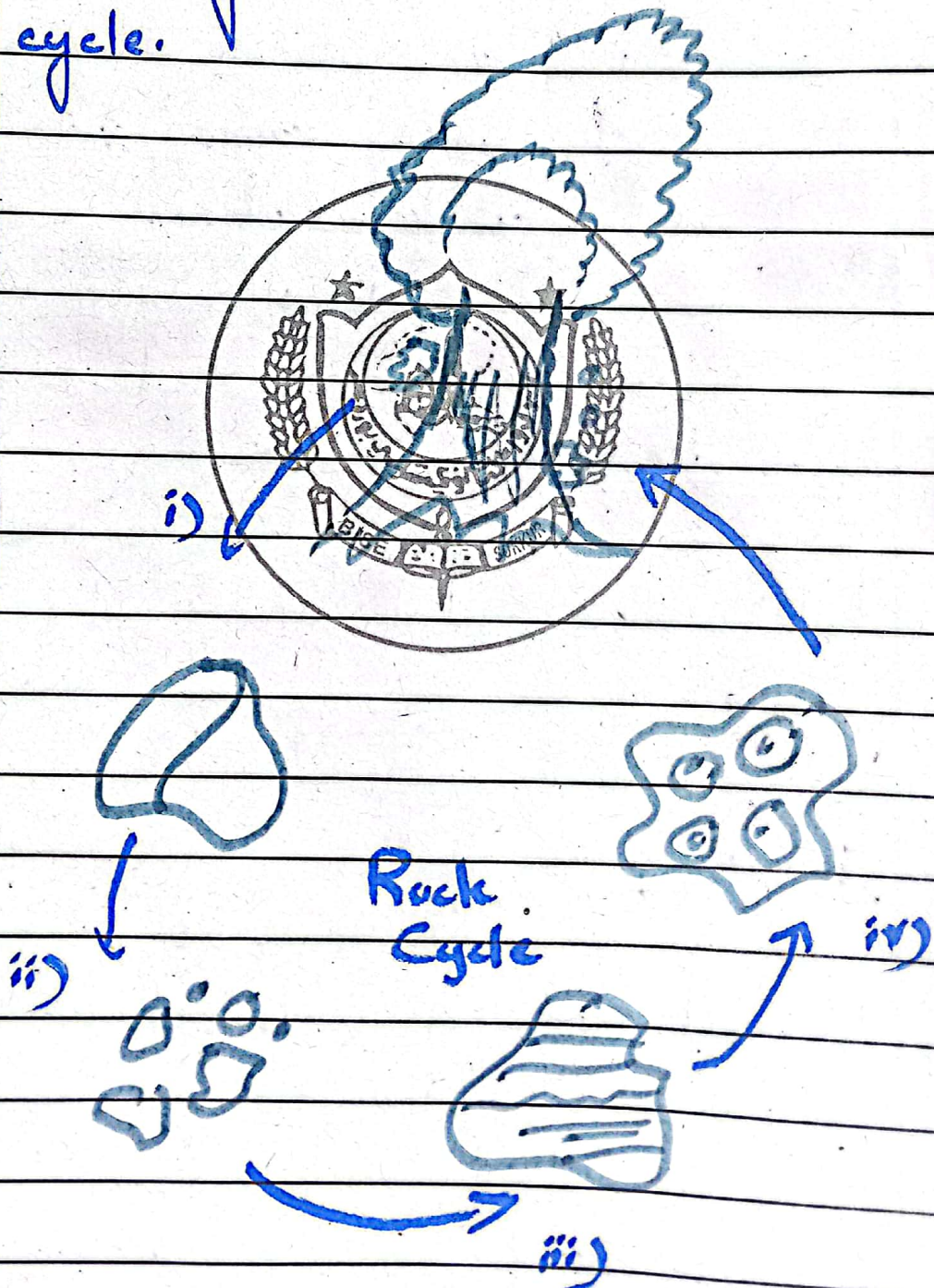
Metamorphism

Further, rocks are exp-

posed to temperature and pressure, formed rocks get a new shape.

iv) Melting

These rocks, magmas and lava again melt. to revise rock cycle.

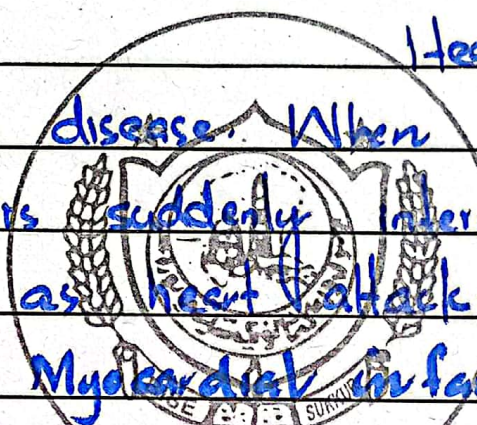


Q c) Define Heart attack. Its causes and symptoms.

Answer - Heart Attack

"Heart attack is a serious heart chronic disease."

Heart attack is a serious disease. When blood supply to heart is suddenly interrupted, this is known as heart attack. It is also called Myocardial infarction.



2-

Causes of heart attack

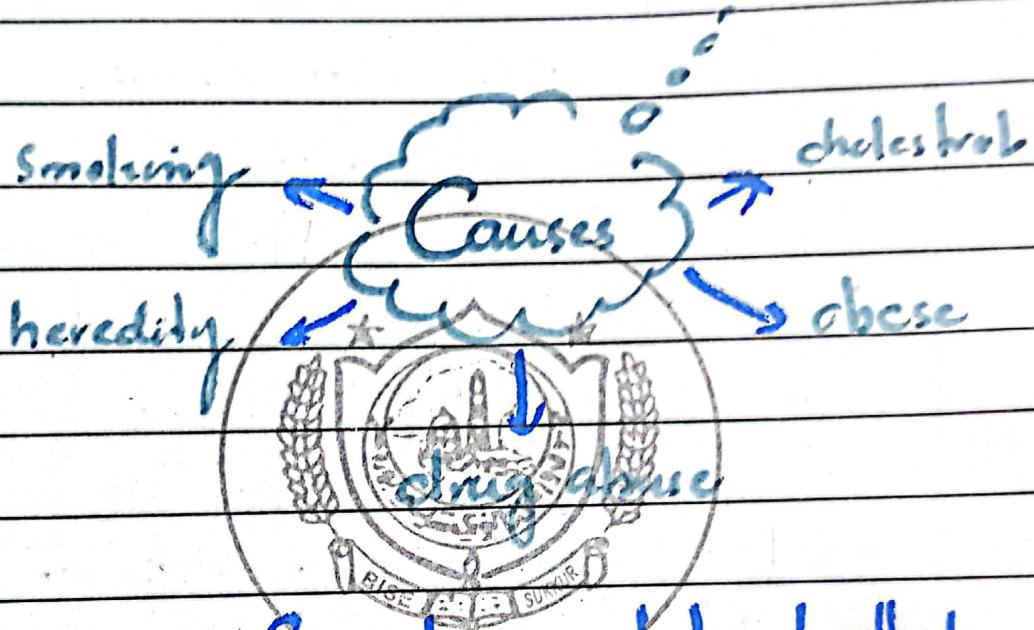
Following are causes:

- i) Family heredity is a root cause.
- ii) Smoking as injurious to health, also causes heart attack.
- iii) Increased cholesterol level also leads to

heart attack.

i) Overweight and obese is also responsible for heart attack.

ii) Drug abuse also causes to heart attack.



3-

Symptoms of heart attack

Following are

symptoms:

i) Heartburn is a visible symptom.

ii) Chest discomfort grows continually.

iii) Shortness of breathing problem reaches at peak.

iv) Continuous vomiting is also a symptom.

v) Tiredness and fatigue can be symptoms.

Symptoms

heart burn

chest discomfort

breathing problem

vomiting

fatigue

Q d₇

Write note on 'liver juice' - Bile.

Answer 1-

Bile

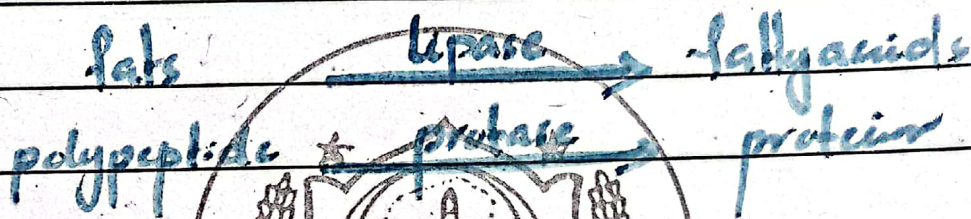
"Bile is a waste-product of minerals, salts, enzymes, bilirubin and other substances."

Bile is a secretion of liver. It is a juicy substance that help in digestion of food and other substances.

"Bile through bile-duct goes down into small intestine."

Digestion of carbohydrates, fats, and proteins is completed by the help of bile. That also help in absorption of tiny digestive particles into ileum of small intestine.

"Bile enzyme converts fats into fatty acids."



Thus, bile juices with the help of enzyme break larger substances into smaller, digestible particles.

"Bile releases waste by-products of hormones and other

pigments like bilirubin."

Therefore, bile juices are very important for digestion completion.

"Bile juices also help in metabolism"

