

Qa Compare RAM and ROM.

Answer 1- RAM (Random Access Memory)

"RAM is a type of a reliable memory."

while,

2- ROM (Read Only Memory)

"ROM is a type of a non-reliable 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 reliable in nature	ROM is a non-reliable memory.

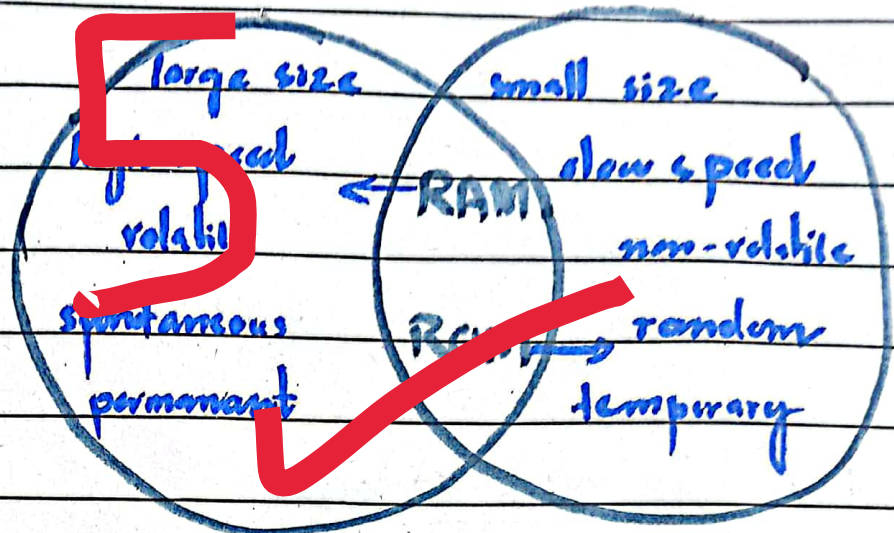
ii)	<u>nature</u>	It is spontaneous in nature.	It is random in nature.
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iii)	<u>process</u>	It processes for a long time when electric assistance is provided.	It processes even when electric assistance is not provided.
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iv)	<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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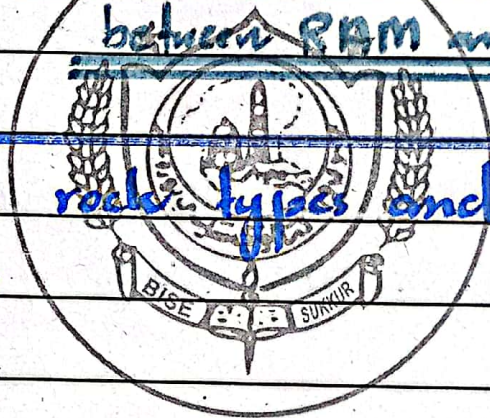
vi)	<u>speed</u>	It has fast speed.	It has slow speed.
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An overview of Comparison between RAM and ROM

Qb

Define rock types and rock cycle briefly.



rock types and rock cycle

Answer 1-

Rock

Rock is a solid containing one or more minerals.

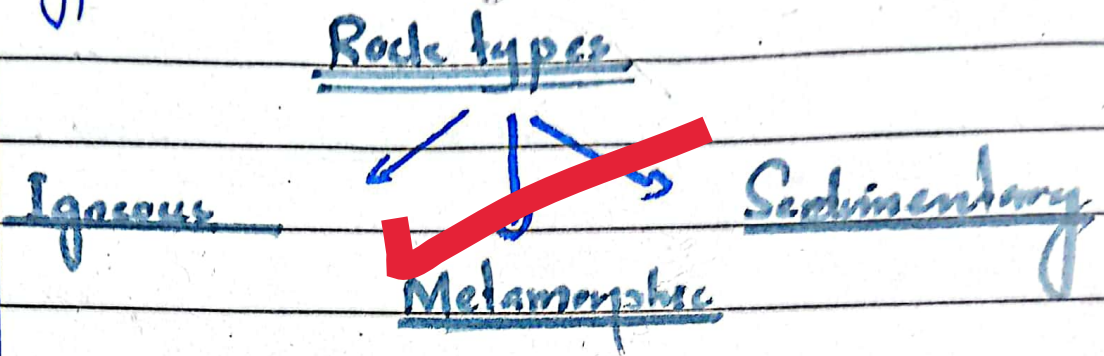
Rock is a naturally occurring solid. It is composed of minerals.

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

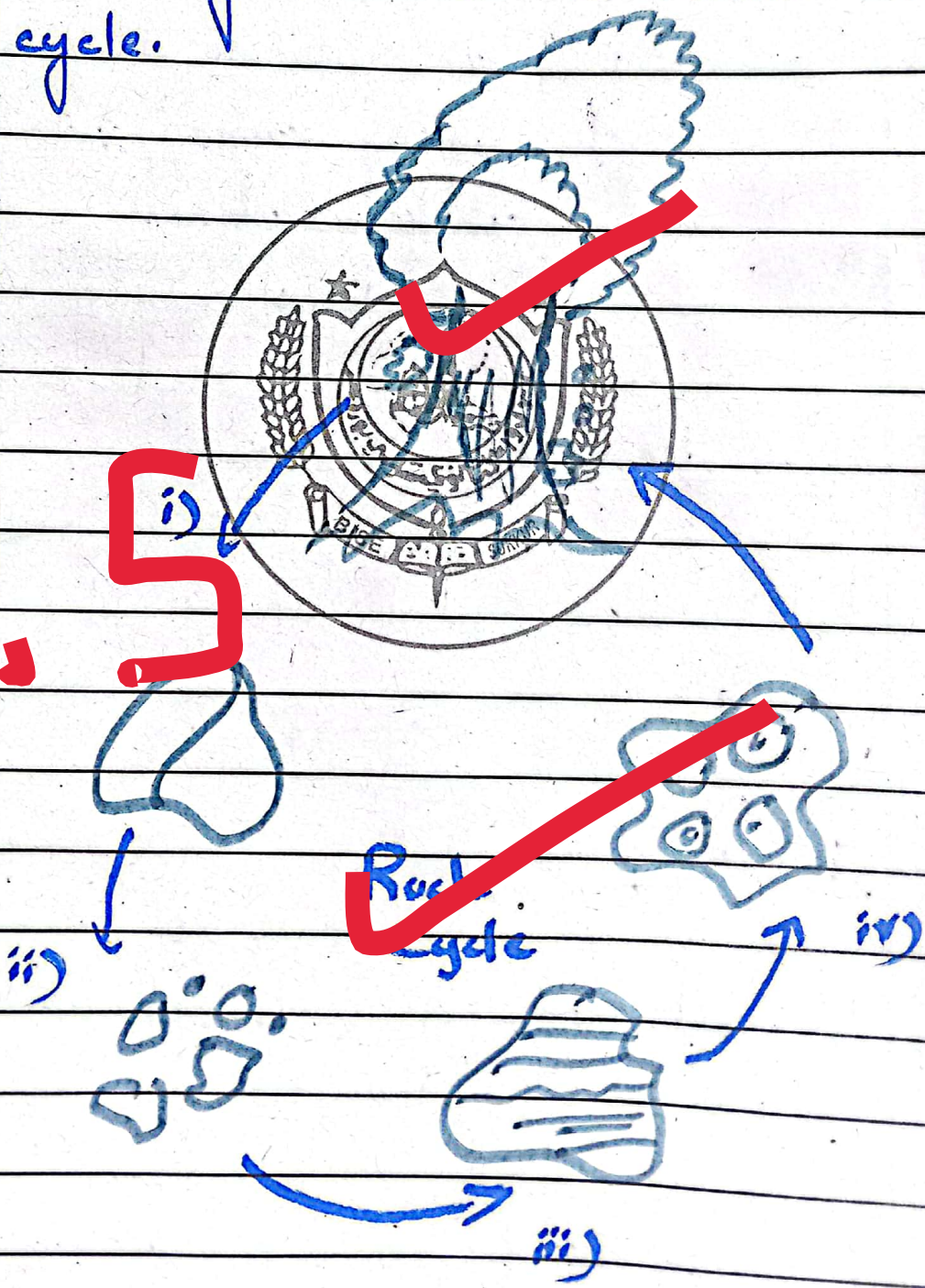
Further, rocks are exp-

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

iv) Melting

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

4.5



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-

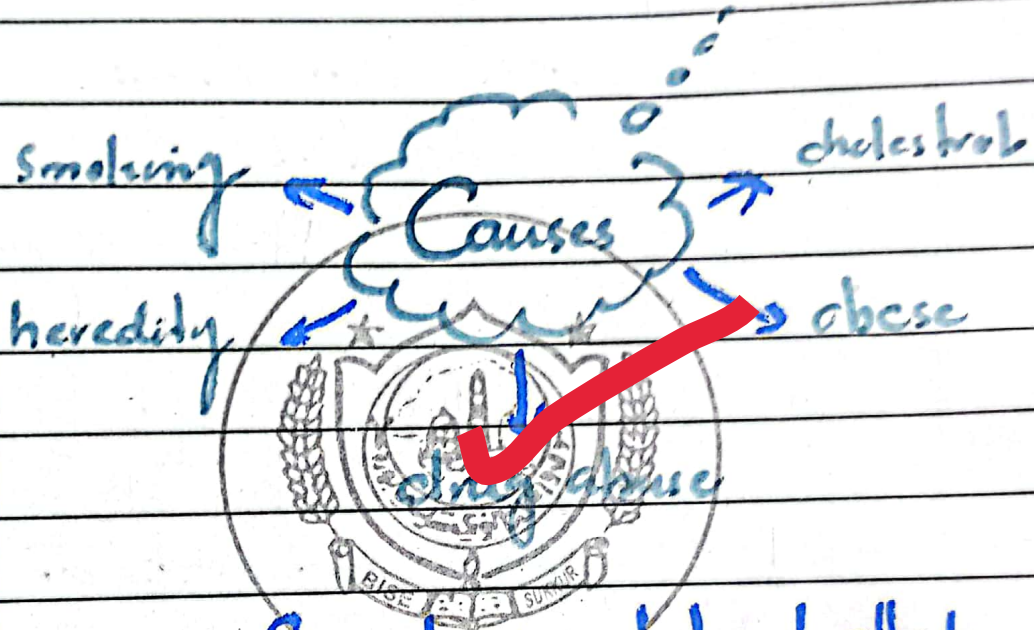
Causes of heart attack

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

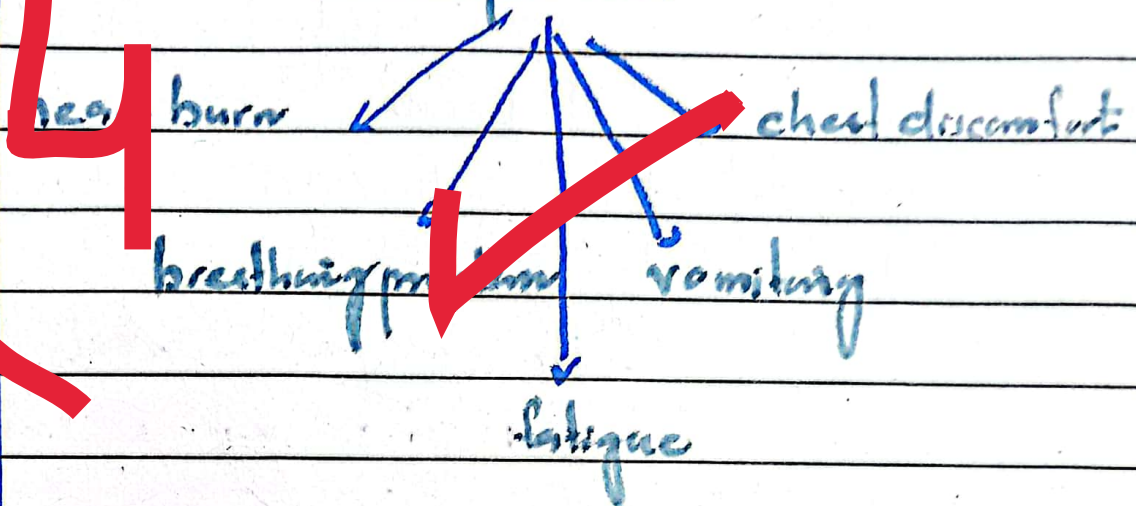
Following are

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



Qd) Write note on 'liver juice' - Bile.

Answer 1-

Bile

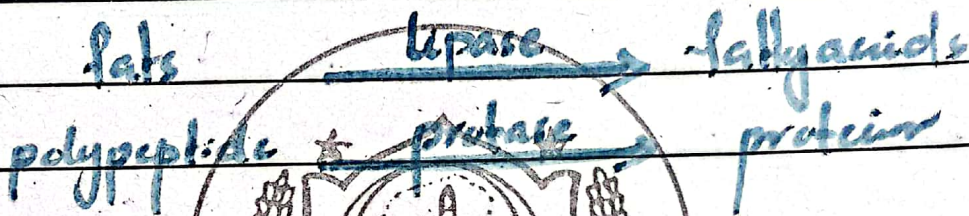
"Bile is a waste-product of minerals, salts, enzymes, bilirubin and other substances."

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 lumen 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 replaces waste by-products of hormones and other

pigments like bilirubin."

Therefore, bile juices are very important for digestion completion.

"Bile juice also help in metabolism"

