

Jaffna Zonal Education Office

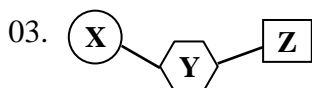
Grade
10

Unit Exam - 01
Science

Time - 40min

➤ **Select the most appropriate answer.**

01. The highest percentage of element in the human body based on mass is.
 1) C 2) H 3) O 4) N
02. The only sugar that is absent in plant.
 1) Sucrose 2) Lactose 3) Maltose 4) Glucose



y denotes

- 1) Pentose sugar group 2) Nitrogenous base
 3) Phosphate group 4) Nucleotide
04. The deficiency symptom chlorosis in tender leaves is caused by
 1) Nitrogen 2) Magnesium 3) Sulphur 4) Iron
05. The Polysaccharide is not digested in the human digestive system.
 1) Starch 2) Cellulose 3) Glycogen 4) Galactose

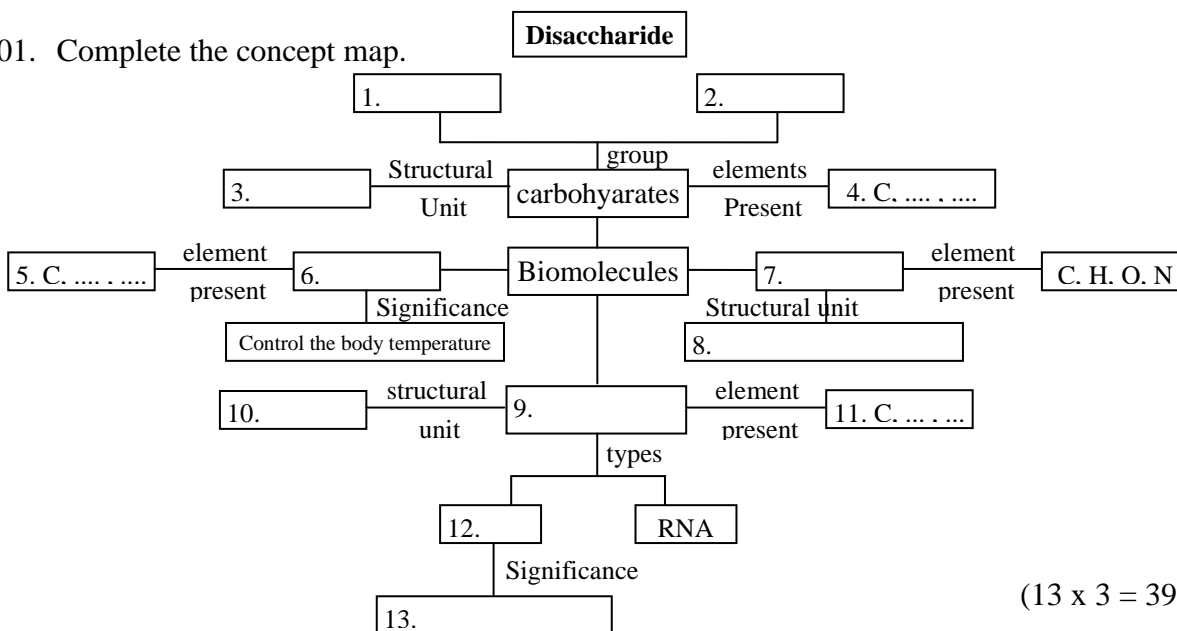
(5 x 2 = 10 Marks)

➤ If the statement mark correct (✓) or In correct (×)

01. Calcium carbonate is a organic compound. ()
02. Cutin present on the surface of the plant body conserve water. ()
03. Vitamin B and C are insoluble in water but these are fat soluble. ()
04. Brick red precipitate is obtained when Benedict solution is added to Glucose solution. ()
05. Osteomalasia is a deficiency symptoms of Vitamin D. ()

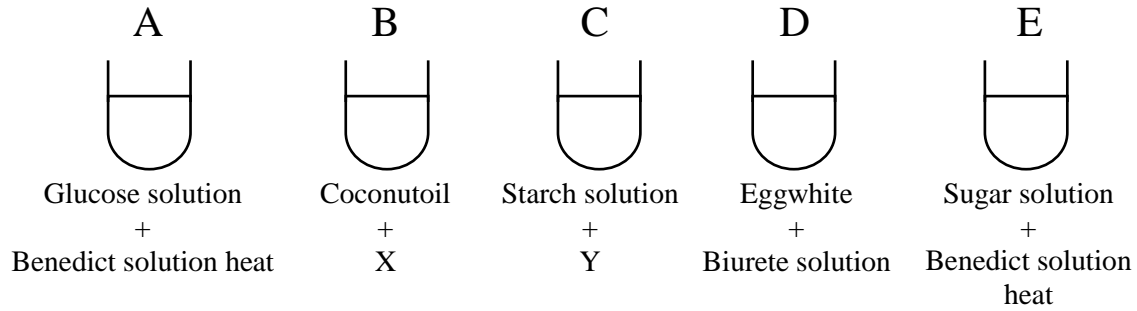
(5 x 2 = 10 Marks)

01. Complete the concept map.



(13 x 3 = 39 Marks)

02. Some of the food tests are given.



1) Fill in the blanks.

Test	Colour change	Nutrient Present in food
A
B
C
D

(8 x 2 = 16 Marks)

2) Identify the XY in the experiment B and C mentioned above.

X Y

(2 x 2 = 04 Marks)

3) Write down the chemical compound present in Biurete solution?

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(2 x 2 = 04 Marks)

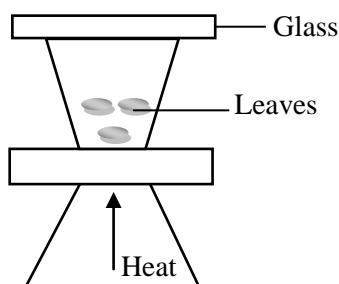
4) We did not get colour change in the experiment E give the reason?

5) Write down 2 significance of bio moleculen in the experiment D?

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(3 x 2 = 06 Marks)



Water drops are formed in above practical.

1) What is the aim of this practical?

(3 Marks)

2) Which chemical is used to identify the water drops?

(3 Marks)

3) Write down the colour change of above activity?

(3 Marks)