



# Jaffna Hindu College

## 1<sup>st</sup> Term Evaluation Exam - 2022

Grade - 06

Science

Time : 2.00 Hours

Name / Index No : .....

### Part - I

**Underline the most suitable answer.**

01. An Autotrophic organism is.

- 1) Bee                                      2) Man                                      3) Paddy                                      4) Parrot

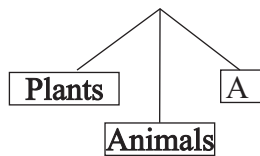
02. The International unit for measuring mass is,

- 1) Pound                                      2) Milligram                                      3) Gram                                      4) Kilogram

03. Animal that haven't the ability of locomotion is,

- 1) Coral polyp                                      2) Cobra                                      3) Fish                                      4) ostrich

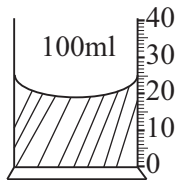
04. **Living things**



In the tree diagram given, which of the following is most suitable for A

- 1) Autotrophic Organisms  
2) Heterotrophic Organisms  
3) Omnivores  
4) Micro - Organisms

05.



The volume of the liquid is

- 1) 20ml                                      2) 100ml                                      3) 30ml                                      4) 25ml

06.



The most suitable equipment to observe the given organism in the laboratory is,

- 1) Telescope                                      2) Compound microscope  
3) Kaleidoscope                                      4) Magnifying glass

07. A factor not needed for photosynthesis is,

- 1) Sunlight                                      2) Oxygen                                      3) Water                                      4) Carbondioxide

08. A - Growth

B - Reproduction

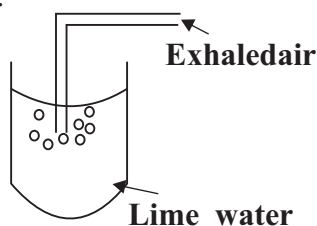
C - Photosynthesis

D - Respiration

The characteristics that common to all living organisms are,

- 1) A, B, C                                      2) B, C, D                                      3) A, B, D                                      4) A, C, D

09.



Students' A and B Statements about the above setup was given.

Statement A - Clear Lime water turns milky white.

Statement B - Exhaled air contain Carbon dioxide

The correct statement / s is / are

- 1) Only A                                      2) Only B  
3) both A and B                                      4) both A and B are wrong

10. Matter has a definite volume but no definite shape is,

- 1) Solid
- 2) Liquid
- 3) Gas
- 4) above three are correct

(10 x 2 = 20 Marks)

02. Select the words from the given list and fill in the blanks..

(Oxygen, Measuring Cylinder, Water Pollution, Micro -organisms, fresh water)

- 1) The organisms that cannot be seen with our naked eye is .....
- 2) ..... gas is released during the processes of photosynthesis.
- 3) ..... is used to measure the volume of liquid.
- 4) The amount of salt dissolved in ..... is very low.
- 5) Water becomes unsuitable for consumption is known as .....

(5 x 2 = 10 Marks)

03. Mark If the statement is True (T) or False (F).

- 1) Green plants are called Autotrophic. ( )
- 2) Mimosa plant shows a sleeping movements. ( )
- 3) The percentage of consumed water is 0.01%. ( )
- 4) Teats and gloves are made of rubber. ( )
- 5) A brick has definite shape and no definite volume. ( )

(5 x 2 = 10 Marks)

Part - II

Answer All questions.

01.



The above picture was taken from a Grade 6 student's note book observe carefully and answer the following questions using picture.

A) i. Name a living thing and a non - living thing.

a) living thing ..... b) Nonliving thing ..... (2 Marks)

ii. State a character that you use to classify Living and nonliving ..... (1 Marks)

iii. Name a herbivore. .... (1 Marks)

iv. Wheel of the block card and the part of boat was made by Iron for resistance to scratch. which physical property of solid is used. .... (1 Marks)

v. Write 2 uses of water.  
 1. .... 2. .... (2 Marks)

vi. Name the product that obtain from sea water? ..... (1 Marks)

vii. Write down a human activity that cause water pollution. .... (1 Marks)

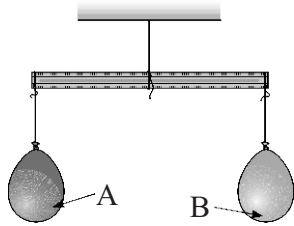
viii. State a way that used here as a eco - friendly method. .... (1 Marks)  
 (12 Marks)

Agaram.LK - Keep your dreams alive!

Agaram.LK - Keep your dreams alive!

02. A Grade 6 student made this setup to know Does air have a mass?

A.



i. What is your observation when make a hole in balloon B?

.....  
 .....

(2 Marks)

ii. According to your above observation what is your conclusion of this set up.

.....

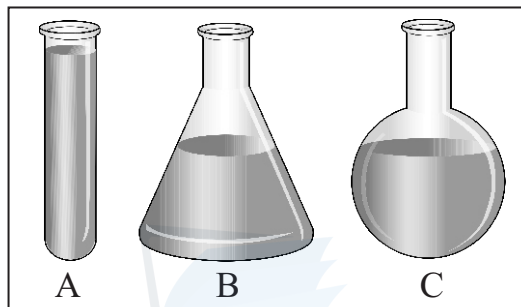
(2 Marks)

iii. Write down two matter that has no definite volume and no definite shape.

.....

(2 Marks)

B.



A student prepare ABC vessels in equal 100 ml volume of coloured water to identify the property of liquids.

i. What is his observation of the above setup? .....

(2 Marks)

ii. State two properties of liquid matter.

.....

.....

(2 Marks)

iii. Write two types of matter found at home which are in liquid state.

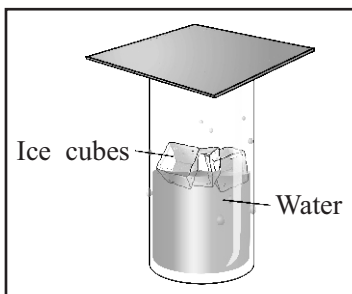
.....

.....

(2 Marks)

(12 Marks)

03.



Fill in the blanks by observing the above setup.

Water vapour, condenses, evaporates, Outer surface, inner surface

i. This set up was made by a grade six student to testing whether there is (1) ..... in the atmosphere. Then he observed that water vapour in the atmosphere.

(2) ..... and can be seen on the (3) ..... of the glass. Finally he conclude that there is water vapor in the atmosphere.

(3 Marks)

ii.

States of water	examples
.....	Glaziers
Liquid water	.....
.....	.....

(4 Marks)

iii. Classify the three types of water based on Availability?

.....  
 .....

(3 Marks)

iv. State 2 ways that you waste water daily in your school.

.....  
 .....

(2 Marks)

(12 Marks)

04. A) Match **A** with **B**. Put the correct number in front of **B**.

- A**
- i. Substance with rough texture
  - ii. Brittle substance
  - iii. Has elasticity
  - iv. Has high ductility and used to make electric wires
  - v. Substance with highest hardness used to cut glass

- B**
- |  |            |
|--|------------|
|  | Diamond    |
|  | Aluminum   |
|  | Sand paper |
|  | Glass      |
|  | Rubber     |

(5 x 1 =5 Marks)

**B) i.** How is water grouped based on salinity.

.....  
 .....

(3 Marks)

ii. Name two places where the salinity of water is high.

.....

(2 Marks)

iii. Give 2 places where we can get ground water.

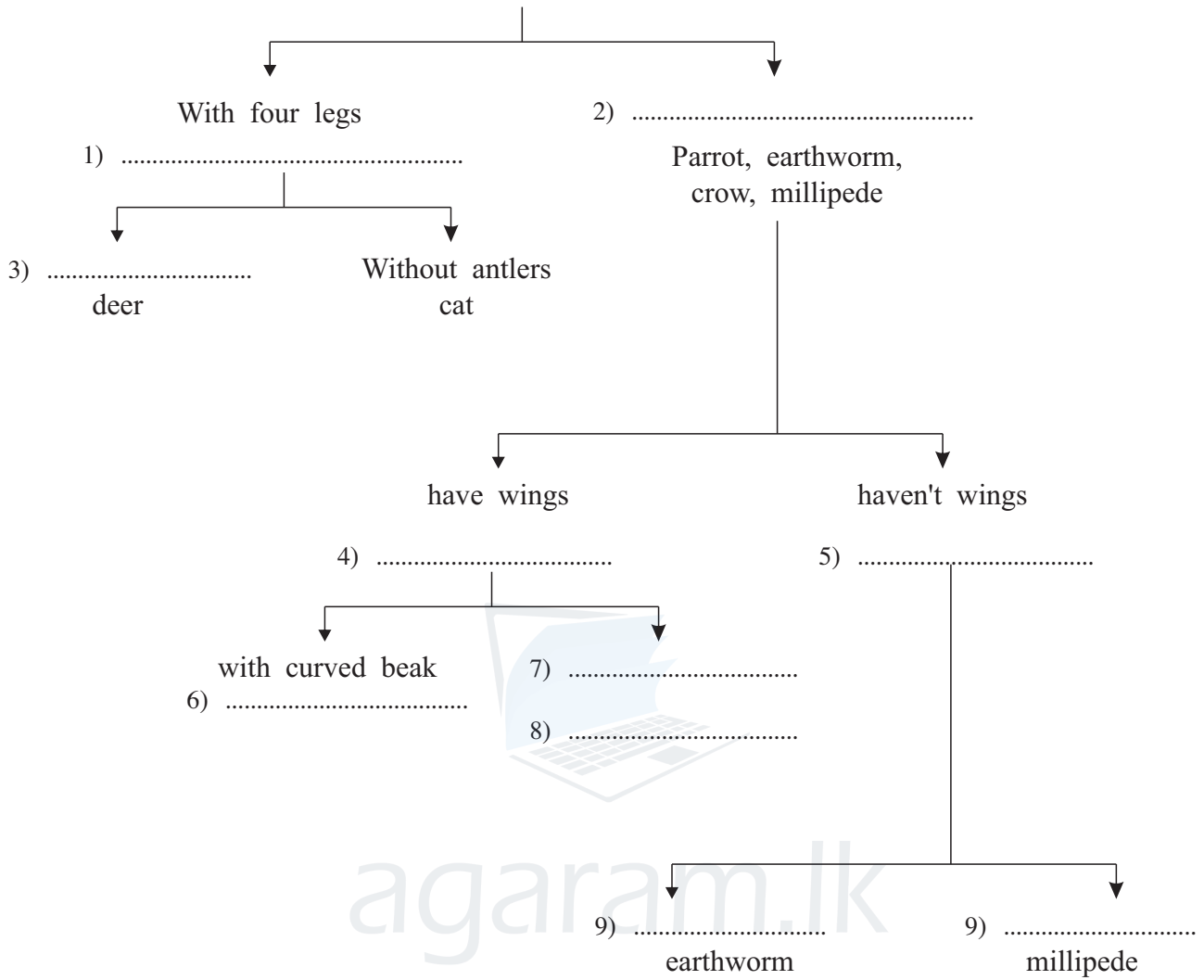
.....

(2 Marks)

(12 Marks)

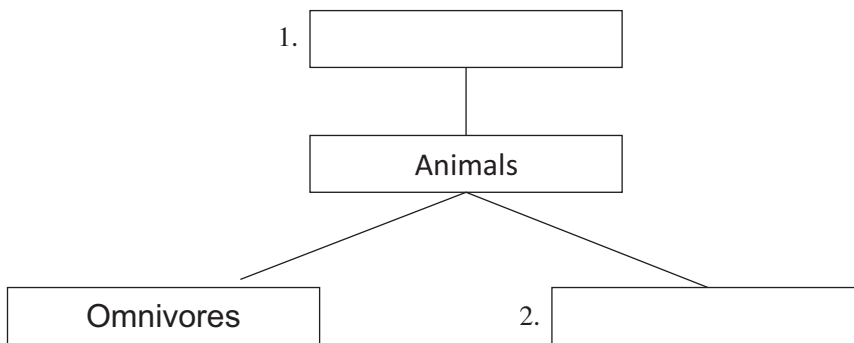
05. Fill in the blanks of the given dichotomous key

(A) Parrot, earth worm, crow, millipede, deer, cat



(10x1 = 10 Marks)

B. Classify the animals based on the type of food.



(2x1 = 2 Marks)  
(12 Marks)