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சபரகமுவ மாகாண கல்வித் திணைக்களம்  
Sabaragamuwa Provincial Department of Education

දෙවන වාර ඇගයීම 2020  
இரண்டாம் தவணை மதிப்பீடு 2020  
Second Term Evaluation 2020

6 ශ්‍රේණිය  
தரம் 6  
Grade 6

විෂය I, II  
விஞ்ஞானம் I, II  
Science I, II

කාලය පැය දෙකයි  
2 மணித்தியாலம்  
2 hours

Part I

- Answer all the questions.
- Underline the most suitable answer.

1. One of the basic features of organisms,

- i. having Mass      ii. Autotrophic.      iii. Reproduction.      iv. limited growth

2. Three main groups of Organisms

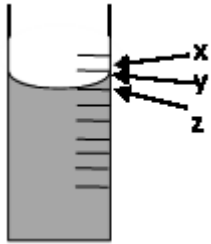
- i. Plants, animals, Microorganisms      ii. Fungi, bacteria, virus.  
iii. Plants , bacteria, animals.      iv. Vitus, birds, mammals.

3. A matter having definite shape

- i. hydrogen      ii. Coconut oil      iii. Oxygen.      iv rock.

4. The correct position of eye should be kept when measuring Volumes in Measuring cylinder.

- i.x      ii. Y      iii. Z      iv. X,V,Z



5. The instrument used to observe Micro - organisms

- i. Telescope.      ii. Microscope      iii. Prism.      iv. hand lens.

6. The living features Shown by microorganisms

- i. nutrition      ii. Reproduction      iii. Growth      iv. All above

7.The substance used to cut the glass.

- i. Gem      ii. Iron      iii . Diamond      iv. Steal.

8. Percentage of consumable water.

- i. 0.1%.      ii. 0.01%      iii. 0.001%      iv. 1%

9. Plant absorb water by

- i. leaf                  ii. Stem                  iii. root                  iv. branch

10. Main energy Source is,

- i . Earth                  ii. Moon                  iii. sun                  iv. Mars.

11. The biomass. used in Sri Lanka mostly.

- i. LP gas                  ii. Fire wood                  iii. Oxygen.                  iv . Petrol

12. Energy Source found in the environment.

- i. Charcoal                  ii. flowing water                  iii. wind.                  iv. all above

13. A transparent material

- i. coconut oil.                  ii. Water                  iii. Fire wood.                  Iv. Metal sheet

14. Which of the following is not a light Source?

- i. Candle.                  ii. Fire flies                  iii. Bulb                  iv. Moon

15. Needs for Sight

- i. light.                  ii. eye                  iii. eye and light                  iv .sun

16 A plant not having fibrous root system

- i. mango                  ii. Maize                  iii. paddy                  iv. Coconut

17. State of water found in polar region.

- i. Ice.                  ii. Liquid                  iii. Mist.                  Iv. vapour.

18. The energy producing Activity

- i. reproduction.                  ii. Growth                  iii. Respiration                  iv. nutrition.

19. The basic energy source.

- i. Electricity                  ii. Sun                  iii. Water.                  Iv. Crude oil

20. Feel of surface rough or Smooth.

- i. Brittleness                  ii. Texture                  iii. Hardness.                  iv. Malleability.

Pant - ii

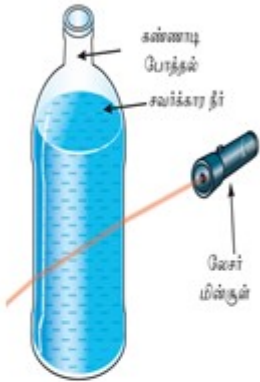
o Answer 05 questions including the 1<sup>st</sup> question

01). Write the observations and conclusions of the activities given below



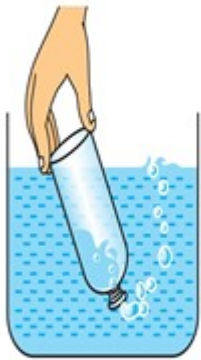
Observation.....  
.....

conclusion.....  
.....



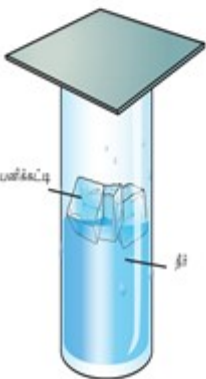
Observation.....  
.....

conclusion.....  
.....



Observation.....  
.....

conclusion.....  
.....



Observation.....  
.....

conclusion.....  
.....

(4x4)

02) . Mark (v) for the correct statement and (x) For the incorrect. inside the bracket

- i. Carbon Dioxide gas is released in respiration ( )
- ii. Volume of things can be measured by thermometer ( )
- iii. Some countries use nuclear power to generate electricity. ( )
- iv. Eye is the organ which senses Sound. ( )
- v. Sound produced by vibrating the air in a papaw tube. ( )
- vi. Magnet is used in dry cells. ( )
- vii. Salt dissolved in brackish water is very high. ( )
- viii. Copper is a magnetic metal. ( )
- ix. Stars are luminous objects. ( )
- x. Water is used as a transporting media. ( )
- xi. . Decorative glasses are transparent. ( )

03). Fill in the blanks using the words given in the bracket

(Oxygen/ heat / carbon dioxide / copper / vibrating / Light / paramecium /Water/shape autotrophic / marine water)

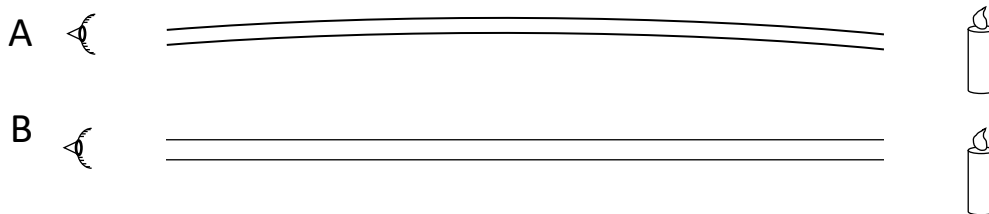
- i. A substance can be drawn into thin sheet by hammering.....
- ii. Sound is produced by..... things
- iii . .....is important for organisms.
- iv. ....is exist as gaseous state
- v. When burning things ..... and ..... are emitted.
- vi. Gases do not have definite .....
- vii. ....can be seen in plants only.
- viii. ....is a Micro-organism.
- ix. Most parts of hydrosphere is.....
- x. Plants in take.....from the atmosphere for photosynthesis

04)

Match the suitable answer

- |   |                 |
|---|-----------------|
| i. Water exist in solid state                                   | Decorated glass |
| ii. Increasing the size of organisms.                           | brackish water  |
| iii. Plants produce food  | Celsius         |
| iv. Increasing length by pulling and returns to initio position | ice             |
| v. Water in lagoons   | growth          |
| vi. Used to Measure the temperature                             | photosynthesis  |
| vii. Ability to do a work                                       | sodium chloride |
| viii. Sounds that are not rhythmic                              | noise           |
| ix. Translucent material  | Elastic         |
| x. Material with high hardness                                  | Energy          |
| xi. A mineral dissolved in seawater.                            | Diamond         |

05) The figure shown below is an experiment done by two students of grade 6



- Which instance the flame can be seen among A and B? (1)
- What is the reason for that? (2)
- draw diagrams to show light ray and light beam

Light beam

.....(2)

Light ray

.....(2)

- iv. Describe the path of light ray. (1)
- v. Name two luminous objects. (2)
- vi. Fill in the blank in the energy transformation in an electric bulb

Electric energy → .....(1)

06) **A)** . Students of grade six used the following tools during the observation in a field trip in the school garden.( hand lens / prism / crucible tongue / jam bottle /garden spoon / scissors / Petri dish)

**Name the tools / instruments suitable for the following activities**

- i. Remove a leaf from the plant.....
- ii. Observe the mist covered on the leaf.....
- iii. Catch a grasshopper and put into the bottle.....
- iv. Count the number of legs in an ant.....
- v. Observe the organisms inside the soil.....
- vi. Observe the colours in the sunlight.....

**B).**

Student classified the animals they observed in the field trip in a dichotomous Key. Fill in the blanks in the dichotomous key.

