

සමස්ත මුද්‍රණ හිමිකම් ඇවිරිණි වෙබ් අඩවිය Department of Education - Western Province Department of Education සමස්ත මුද්‍රණ හිමිකම් ඇවිරිණි වෙබ් අඩවිය Department of Education - Western Province Department of Education සමස්ත මුද්‍රණ හිමිකම් ඇවිරිණි වෙබ් අඩවිය Department of Education - Western Province Department of Education	බස්නාහිර පළාත් අධ්‍යාපන දෙපාර්තමේන්තුව மேல் மாகாணக் கல்வித் திணைக்களம் Department of Education - Western Province	සමස්ත මුද්‍රණ හිමිකම් ඇවිරිණි වෙබ් අඩවිය Department of Education - Western Province Department of Education සමස්ත මුද්‍රණ හිමිකම් ඇවිරිණි වෙබ් අඩවිය Department of Education - Western Province Department of Education සමස්ත මුද්‍රණ හිමිකම් ඇවිරිණි වෙබ් අඩවිය Department of Education - Western Province Department of Education	
වර්ෂ අවසාන ඇගයීම ஆண்டிறுதி மதிப்பீடு - 2015 Year End Evaluation			
ශ්‍රේණිය } 6 தரம் } Grade }	විෂය } பாடம் } Science Subject }	පත්‍රය } வினாத்தாள் } I,II Paper }	කාලය } காலம் } 2 hours Time }
Name :-		Index No :-	

Important

- ◆ Provide correct answers to all questions.

Part I

- Answer all questions.
 - Underline the correct or most suitable answer.
- An example for a biomass is ,

1) fire wood	2) coal	3) fossil fuel	4) petroleum gas
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 - A transparent medium is,

1) oil paper	2) decorative glass	3) pure water	4) mist
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 - Living organisms show a life span but, the growth of this organism is unlimited who can be this organism?

1) Kaluwara tree	2) dog	3) cat	4) lion
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 - Which is the **incorrect** relationship?

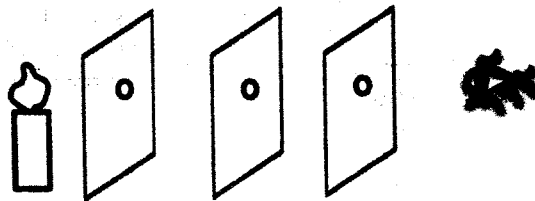
1) butterfly	—————>	Sucking nectar from flowers
2) dog	—————>	swallowing after chewing
3) mosquito	—————>	piercing and sucking
4) snake	—————>	swallowing after chewing
 - Sarath took a small, empty plastic glue bottle filled half of it. After that, he blew into the mouth of the bottle so that the amount of water goes up and down. While he was doing this; all the children looked at him because they heard a sound related to the sound of an animal. Who can be that animal?

1) crow	2) parrot	3) Indian	4) Koel (mynah)
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 - A luminous object is,

1) The sun	2) the moon	3) planet Venus	4) planet Saturn
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7. If you keep your eye, in a straight line through these holes, you can observe the candle flame through the holes. What is the reason for that?

- 1) As light reflects
- 2) As light travels in a straight line
- 3) As light deviates
- 4) As light spreads everywhere

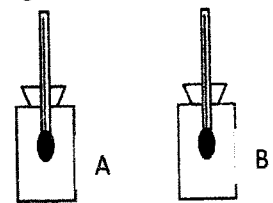


8. This is **not** a characteristic of a liquid.

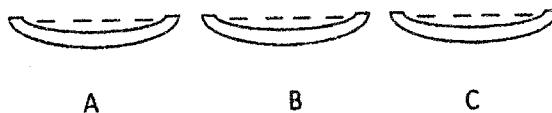
- 1) Having a definite volume
- 2) Having a definite shape
- 3) Having a definite colour
- 4) Having a definite mass

9. Equal amount of water was put into two similar tins and A was covered with a black paper and B was covered with a white paper. These were kept in a place where there is bright sunlight. What can you observe in A and B?

- 1) Temperature of A is high and temperature of B is low
- 2) Temperature of A is low and temperature of B is high
- 3) Temperature of both A and B are Equal
- 4) Nothing can be predicted regarding the temperature of A and B



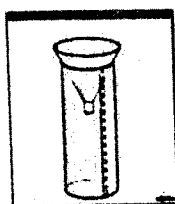
10. An equal amount of marine water, fresh water and brackish water were put into three similar vessels and kept under the sun. All the three vessels were observed after evaporating the water completely. Nothing could be seen in A. A very light white powder in B and a thick white powder in C. Which type of water can be A, B and C respectively?



- 1) A - marine B - brackish C - fresh water
- 2) A - fresh water B - marine C - brackish
- 3) A - fresh water B - brackish C - marine
- 4) A - brackish B - marine C - fresh water

11. Name these instruments respectively.

- 1) rain gauge, anemometer, wind vane
- 2) anemometer, rain gauge, wind vane
- 3) wind vane, anemometer, rain gauge
- 4) rain gauge, wind vane, anemometer



12. Given below are several characteristics used by Grade 6 students to classify and identify a centipede and an earth worm using a dichotomous key. Which answer shows the best two characteristic features?

- 1) with a mouth , without a mouth 2) without many legs, with many legs
 2) without a moist skin, with a moist skin 4) lives in the soil, does not live in the soil

13. Which answer has the physical properties of a glass, rubber band and a metal sheet respectively.

- 1) Brittleness, elasticity, malleability.
 2) Brittleness, ductility, smooth texture.
 3) Malleability, brittleness, elasticity.
 4) Brittleness, malleability, elasticity.

14. What is the environmental friendly energy type that can be used for cooking?

- 1) L.P. gas 2) kerosene oil 3) solar energy 4) bio mass

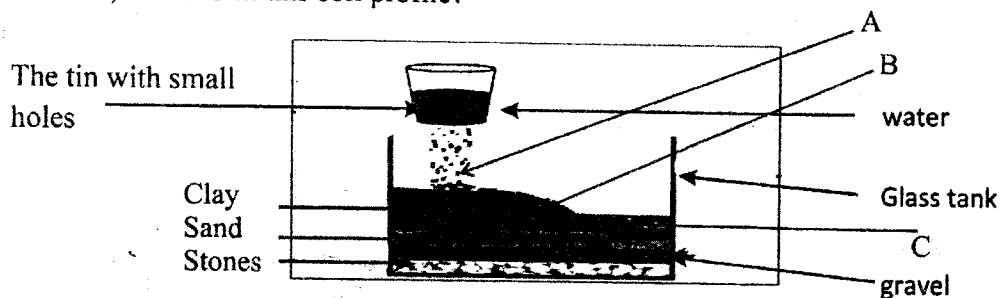
15. What is the correct statement from the following statements?

- a) Sources of sound are used to listen sound
 b) Sound is produced by vibrations
 c) Music is produced by rhythmical sounds
 1) a and b 2) b and c 3) a and c 4) a, b and c

16. What are the two types of matters, that belong to all the three states of matter, solid, liquid and gas?

- 1) Water and wax 2) coconut oil and vinegar
 3) Vinegar and water 4) wax and vinegar

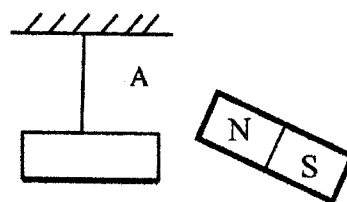
17. What are A, B and C in this soil profile?



- 1) precipitation, ground water, surface water
 2) surface water, precipitation, ground water
 3) ground water, surface water, precipitation
 4) precipitation, surface water, precipitation

18. A is a stick wrapped with a paper. What the north pole of a bar magnet was brought close to it, it got attracted. A can be ,

- 1) a piece of Iron 2) a piece of Aluminium
 3) a piece of wood 4) a piece of plastic



19. What is a non-renewable energy source?

- 1) Fossil fuels 2) wind 3) sea waves 4) tidal waves

20. Select the correct statement.

- 1) Natural disasters can be totally stopped.
- 2) Landslides can happen because of a higher rainfall of 200mm.
- 3) A drought occurs when the expected rainfall is below 50 %.
- 4) Same pattern of rain exists everywhere in Sri Lanka.

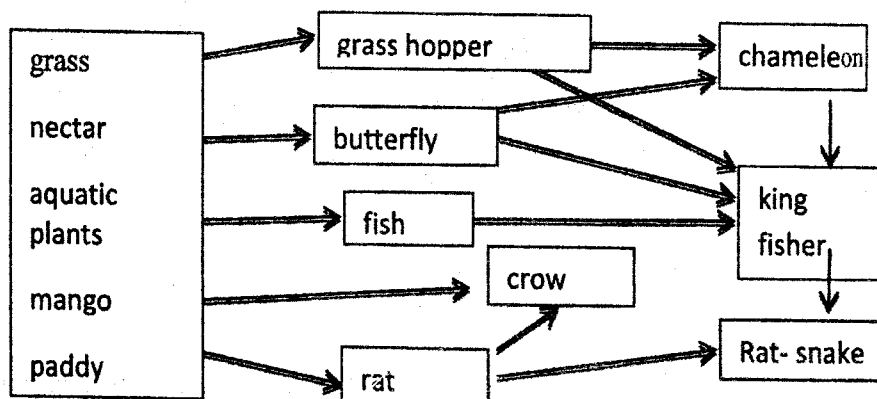
Part II

Answer the first question and four other questions.

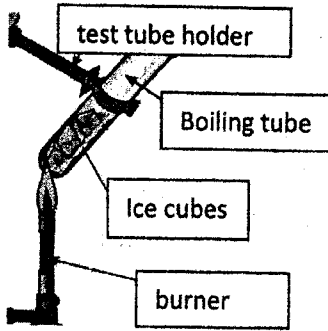
1) Grade 6 students left for a field trip with their Science teacher. They had noted following observations in their observation sheet.

- * Grasshoppers hopped here and there, while the students were walking in the grass.
- * When they observed the grass, they saw that grasshoppers had eaten the grass leaves.
- * Lots of flowers in the bushes. Butterflies were competing to suck nectar.
- * A chameleon in the bush put its tongue out and caught a butterfly.
- * Small fish were swimming near the aquatic plants close to the bank of the lake.
- * Suddenly the king fisher who was on the mango tree the bank, flew and caught a fish.
- * A rat- snake who was aiming at a rat in the paddy field was creeping forward slowly.
- * A crow that was eating a ripened mango, came suddenly, caught the rat and flew faraway.

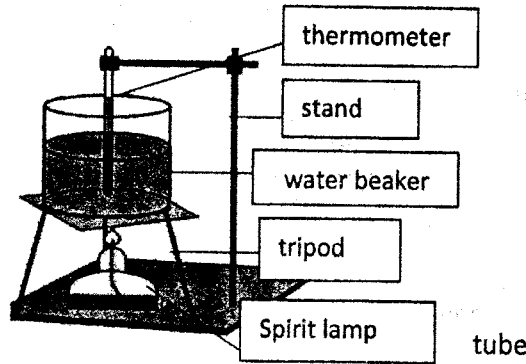
They induced the food relationships of these plants and animals into a food web.



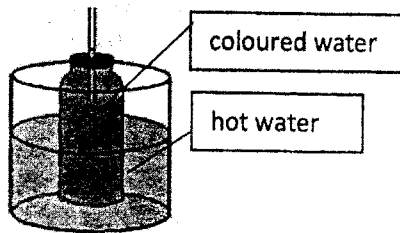
5) Students of Grade 6 were grouped to do the following activities related to heat and its effects and they were asked to note down the observations. Each group had done and written the observations and drawn a diagram related to each set up.



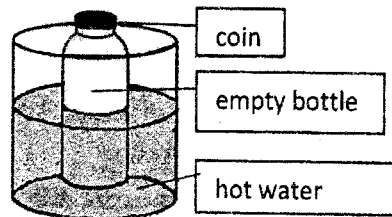
Group - 1



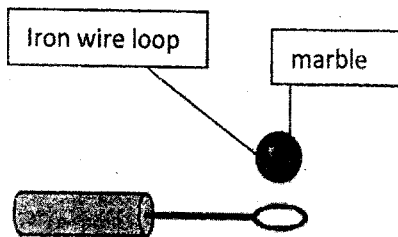
Group - 2



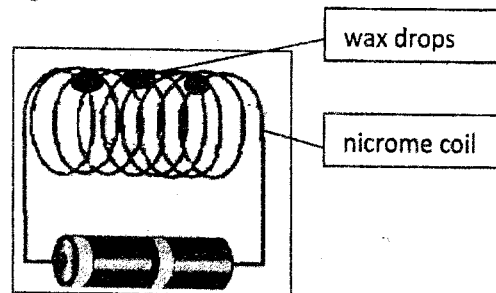
Group - 3



Group - 4



Group - 5



Group - 6

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- I) what is the purpose of activity done by group 2 (01 mark)
- II) Write the change of state of water according to the activity done by students of group 2 (01 mark)
- III) What can be observed to the Group 5 when the iron loop is heated and kept the marble in it? (01 mark)
- IV) What is your conclusion in it? (01 mark)
- V) Write an instance where this phenomenon is used practically? (01 mark)
- VI) Why did coloured water go up along the tube of the pen, when the students of Group 3 did their activity? (01 mark)
- VII) Why did the balls of clay kept on the wire loop melt, when the group 6 students did their activity? (01 mark)
- VIII) Write the name of an electrical appliance made, based on the phenomenon happened in this Iron loop of wire? (01 mark)

