



PART I

Underline the most suitable answer.

- 1 The meaning of location is,

a) Movement	c) Moving from one place to another
b) eating food	d) respiration

- 2 When 50 ml of water is put into a bottle with 100 ml volume the water in the bottle is,

a) 150 ml	b) 100 ml	c) 50 ml	d) Can't say
-----------	-----------	----------	--------------

- 3 The group of only herbivores animals,

a) Bee, crow, centipede	c) butterfly, cow, frog
b) Bee, cow, crow	d) bee, butterfly, cow

- 4 Which of the following is heterotrophic?

a) Grass	b) sugar cane	c) paramecium	d) mango
----------	---------------	---------------	----------

- 5 The group which has the three states, solid, liquid and gas is

a) Wax, clay	b) Wax, wood	c) Wax, water	d) Wax, joss sticks
--------------	--------------	---------------	---------------------

- 6 The reason for using rubber in teats of baby feeding bottles is,

a) lasts for a long time	b) transparency	c) not brittle	d) elastic nature
--------------------------	-----------------	----------------	-------------------

- 7 All micro-organisms are

a) Heterotrophic	c) harmful
b) autotrophic	d) Not able to see with the naked eye

- 8 The salt which makes sea water salty is

a) Calcium Carbonate	c) Calcium Chloride
b) Sodium Chloride	d) Sodium Carbonate

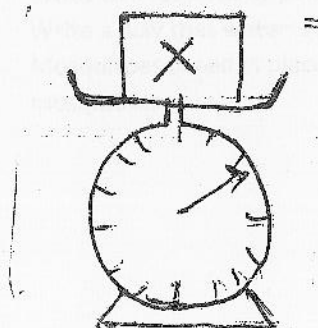
- 9 The international unit of measuring mass is

a) mg	b) Kg	c) g	d) cm
-------	-------	------	-------

- 10 Which is not a form of precipitation?

a) Hail	b) snow	c) sleet	d) spring water
---------	---------	----------	-----------------

- 11 Which property of "x" is shown in the given activity



- a) Definite volume
- b) Definite shape
- c) Occupy space
- d) Has a mass

12 A certain matter has the below properties.

- Has a definite shape
- Has a definite volume
- Has a mass

The type of matter is,

- a) Liquid b) air c) solid d) none of these

13 The roughness or smoothness of a surface is known as,

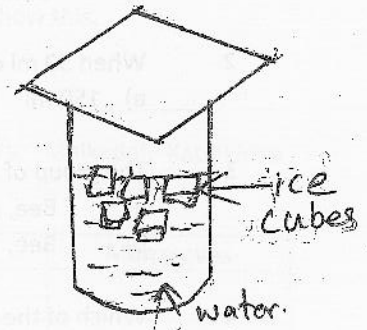
- a) Brittleness b) texture c) ductility d) hardness

14 Select the correct statement given about matter and energy

- a) Air has no mass, Air is an energy
b) Light does not occupy space and has no mass so light is an energy
c) Sound is an energy, it occupy space
d) A brick does not occupy space. It is a matter.

15 The given activity is done to observe,

- a) The states of water
b) Whether there is water vapour in the atmosphere
c) Ways that water exists
d) The salinity of water



16 Select the correct statement,

- a) The sea anemone can loco-mote
b) The sea anemone can loco-mote
c) We inhale Carbon dioxide, when breathing
d) Oxygen turns limewater off white

17 Ice cubes $\xrightarrow{\text{heat}}$ (a) $\xrightarrow{\text{heat}}$ (b)

The words that should be used in 'a' and 'b'

- a) Water vapour, ice c) liquid water, water vapour
b) Ice, liquid water d) water vapour, liquid water

18 A material with high hardness is,

- a) Salt b) gems c) sugar d) diamond

19 A plant that grows in coastal environment,

- a) Orchid b) Gin Pot c) Japan Jabara d) Watakeiya

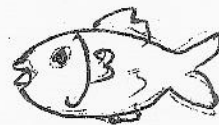
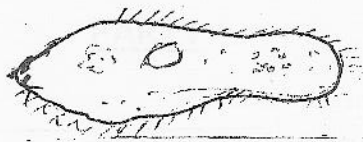
20 Which is a way of conserving water?

- a) Releasing chemicals to water
b) Releasing house hold waste into water
c) Growing plants
d) Releasing polythene into water

PART II

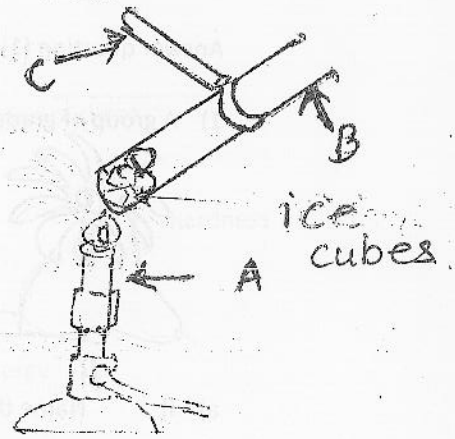
Answer question (1) and four more questions. Five questions should be answered.

- 1) A group of grade 6 students observed the following living things.



- a) i) Name the organisms marked as A, B, C.
ii) In which environment do they live?
iii) To which group does B belong to
iv) What is the suitable instrument to observe B?
v) Write two harmful effects to human of organisms in B group.
vi) Write a similarity and a difference between A and a mango tree.
vii) How does C loco-mote?
viii) What does C use to breathe?
ix) What do we exhale when breathing?
x) What is the liquid you used to identify the above mentioned air in the laboratory?
xi) What air is released by plants while photosynthesis?
- 2) Given below are some materials used to observe physical properties of solids.
(iron nail, a tin, wheat flour, piece of chalk, sand, piece of charcoal, a rubber band, piece of iron wire, piece of copper, baby talc)
- a) Write a material with the following properties
i) Feels smooth when touched –
ii) Breaks in to pieces under a small force –
iii) A material with malleability -
iv) A material that can be stretched -
- b) i) What property should be there in the material used to make gloves
ii) Write an instance where sand paper is used.
iii) What property of rubber is used to make tyres of vehicles?
- 3) Water exists in solid, liquid and gas in the environment
- a) i) Write two example of solid state of water.
ii) Name two ways of precipitation
- b) i) What is water pollution?
ii) Write two human activities that pollute water.
iii) Write two features of polluted water.
iv) Write a way that water is wasted in school.
v) Mosquitoes breed in places where water is gathered. Name a disease spread by mosquitoes.

4) The given activity is done to observe the three states of water.

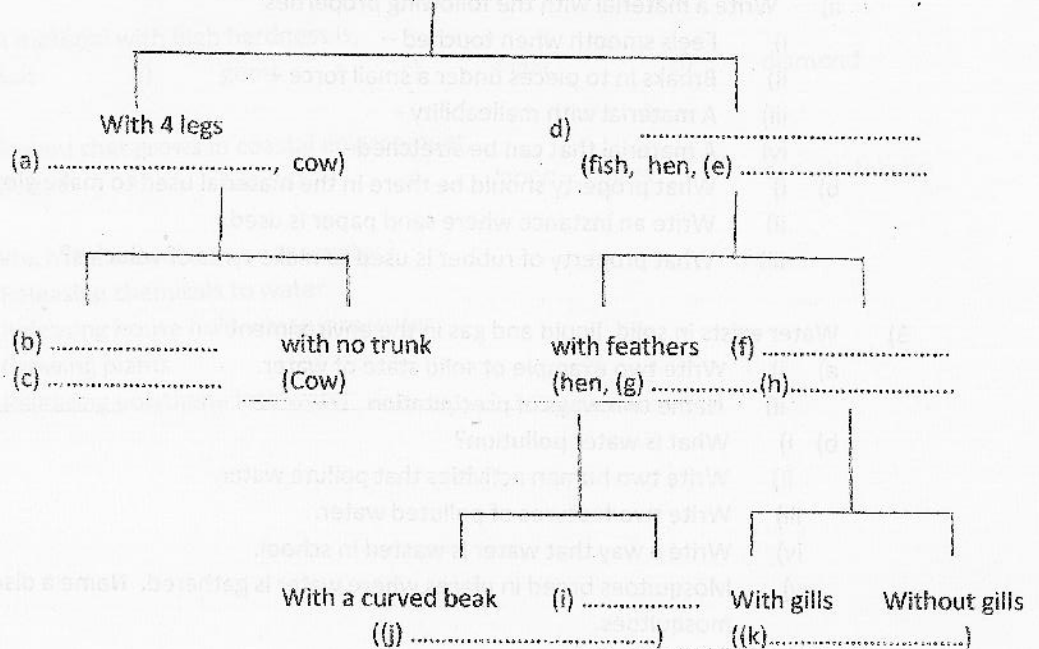


- i) Name A, B, and C
- ii) Write one observation of the activity
- iii) What happens to the ice in B when heated?
- iv) Water has no definite shape. Draw a suitable diagram to show this.
- v) Write two places where liquid water is found on earth.

5) a) Fill in the table with the given plants.
 (Watakeiya, Bimthambaru, Lotus, Mango, Japan-jabara, Malkadol, Katuikiriya, rambuttan, Salvenia, Kirala)

Aquatic	Terrestrial	Coastal	Mangroves

b) Complete the dichotomous key
 (Fish, hen, elephant, cow, snake, parrot)



6) Mark () or

- i) The amount of water that can be consumed is 0.1% ()
- ii) The gas jar is used to measure liquids ()
- iii) The mass of water increases when the salinity is high ()
- iv) The coral polyp stays fixed to a surface ()
- v) Lotus is an aquatic plant ()
- vi) Giving birth to young is reproduction ()
- vii) Growth of plants is unlimited ()
- viii) Water is needed to transport nutrients throughout the body ()
- ix) Air is matter ()
- x) Sound is an energy ()
- xi) Sea water is salty because of the Calcium Chloride dissolved in it. ()

