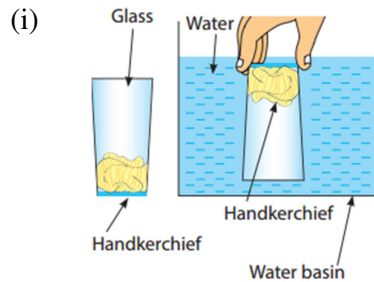


PART II

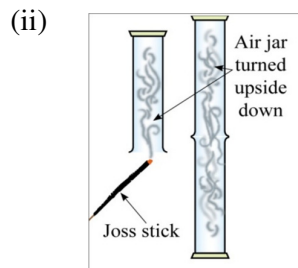
Instructions - First question is compulsory and answer four other questions.

- ① (A) The following figures show three experiments done by a group of grade 6 students to find out the behavior of liquid and gaseous states of matter. Write the respective conclusion that you can arrive about that particular state of matter through the observations, in front of each given figure. (6 marks)



Conclusion

.....
.....



Conclusion

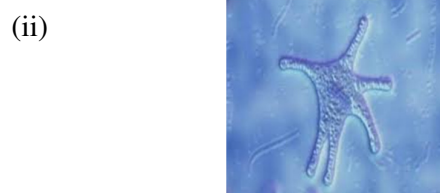
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Conclusion

.....
.....

- (B) (1) Name the organisms shown in following figures. (4 marks)



.....

.....

- (2) What is the instrument used in laboratory to observe the organism given in figure (ii) above more clearly? (1mark).....

- (C) Some animals identified by a student in his home garden are given below. Answer the given questions using them. (5 marks)

Toad , Eagle , Earth worm , Fish

- (i) Who is the animal use wings for locomotion?
 (ii) Which organism has scales?.....
 (iii) Name the amphibian.....
 (iv) Name the animal who locomote without legs?

- ② (A) The process of making food by green plants using different factors is known as photosynthesis.

- (i) Name the green colour pigment in plant leaves for food production?

(1mark)

.....

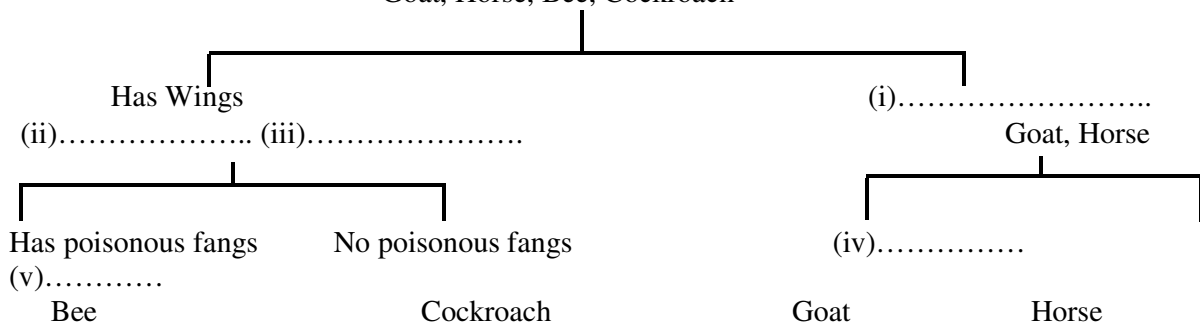
- (ii) What is the gas obtained by atmosphere in photosynthesis? (1mark)

 (iii) What is the gas emitted by plants during photosynthesis? (1mark)

 (iv) Why plants are known as “Autotrophs”? (1 mark)

 (v) Why the animals are known as “Heterotrophs”? (2 marks)

(B) Write suitable answers for the blanks of following dichotomous key. (5marks)
 Goat, Horse, Bee, Cockroach



③ Mark ✓ if the statement given is correct and mark X if the statement is wrong.

- (i) Chlorophil does not present in animals. ()
 (ii) All micro-organisms are harmful to human. ()
 (iii) Every type of matter occupies a space ()
 (iv) Water exists all the solid, liquid and gaseous states. ()
 (v) Amount of salt in brackish water is higher than that in marine water. ()
 (vi) Water is a limited and natural resource. ()
 (vii) To express measuring mass, the unit milligrams also can be used. ()
 (viii) Sea anemone who lives in ocean can locomote. ()
 (ix) During photosynthesis in green plants, Carbon dioxide is released to the environment. ()
 (x) Leaves of the curry leaves plant show sleeping movements in the evening. ()
 (xi) The percentage of water which can be utilized is only 10% out of the Earth's whole water content. ()

④ Fill in the blanks using the suitable words from the given set. (11 marks)

(Steam, Salts, Water, Sun, Marine water, Fresh water, Sand, Shape, Energy, Air, Essential)

- (i) When vapourizing sea water,dissolved in it can be deposited in the bottom of the container.
 (ii) More than 70% of Earth's surface is covered by.....
 (iii) The energy in food is gained by them from the
 (iv)is very high in salty taste.
 (v) Though the amount of salt in brackish water is not much as in marine water, is higher than the amount of salt in.....
 (vi) Gases don't have a definite.....
 (vii)obtains the total volume of the vessel.
 (viii) Sound is a type of.....
 (ix)is an example for water in the gaseous state
 (x)is a brittle object.
 (xi) Water is an factor to maintain the lives of living organisms.

5 Ductility, Malleability, Elastic nature, Brittleness, Hardness are some physical qualities of solid material. We use different objects made by materials bearing such qualities.

(i) Write the relevant physical quality bared by the **underlined material** in each of the following instances choosing from the qualities given above. (3 marks)

- (a) Using **Granite** in constructing buildings
 (b) Using the metal **Gold** to make jewelers of different shapes
 (c) Using **Rubber** to make balloons.....

(ii) What is called ductility?..... (2 marks)

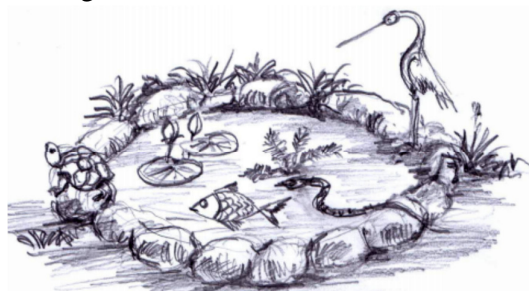
(iii) Which substance can be seen **brittleness** out of glass, rubber, and wood? (1 mark)

(iv) Even though man is using plastics very much, there are lots of harmful effects for the environment created by them. What is the harmful property of plastics caused for such effects? (1 mark)

(B) Fill in the table using the physical states of matter. (4 marks)

Feature	Solid	Liquid	Gas
Shape	Has a definite shape	(i)	(ii).....
Volume	(iii).....	Has a definite volume	(iv).....

6 Answer the questions given below using the sketch of the Fresh water pond located near to the house of Kasun, A student in grade 6.



(i) Name a non-living thing observed in this environment. (1 mark)

(ii) Name a carnivorous bird who can be seen near to a pond like this. (1 mark)

(iii) Kasun observed that air bubbles are released by the aquatic plants.

(a) What is the living process occur in plants during the day time related with this air bubble evolvement? (1 mark)

(b) Write an example for a plant which grows in water. (1 mark)

(iv) What is the respiratory organ of fishes living here? (1 mark)

(v) Write two appendages that only fishes have to survive in Aquatic environments successfully.

a..... b..... (2 marks)

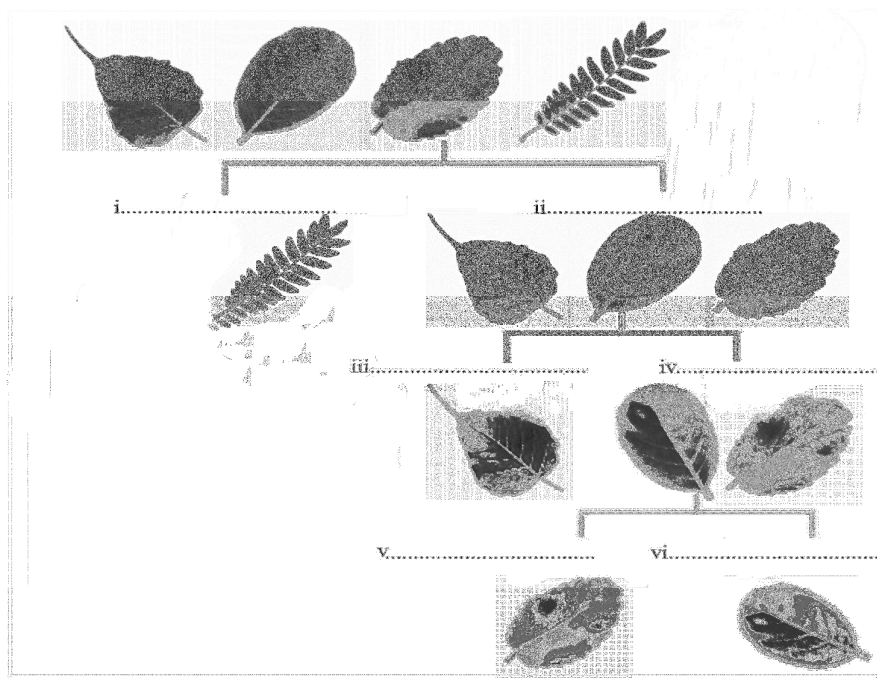
(vi) Name the two locomotive ways of the tortoise living here.

..... (2 marks)

(vii) Name a micro-organism who can be found in this pond water.

..... (1 mark)

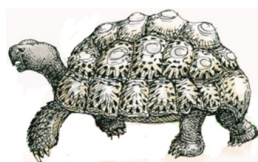
- 7 (A) Fill in the blanks from (i) to (vi) in the given dichotomous key prepared to classify few plant leaves.



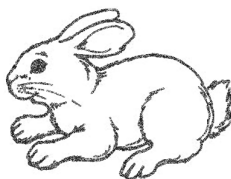
(B)



Jack tree



Tortoise



Rabbit



Earth worm

- (i) Write a common word that can be used to name all forms given above? (1 mark)

.....

- (ii) Write two unique living characteristics of the jack tree which are not visible in animals like rabbits and tortoises. (2 marks)

.....

.....

- (iii) Write two living characteristics common to both Jack tree and animals like rabbits. (2 marks)

.....

.....

- (iv) (a) Name the reptile from above animals (1 mark)

- (b) Name the mammalian from the above animals (1 mark)

- (v) Which of the mode of nutrition of rabbit out of herbivours, carnivours and omnivours. (1 mark)

.....