



JAFFNA HINDU COLLEGE

Risk Holiday Self - Education Worksheet - 2020

Grade - 06 | Science

Name/Index No :

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Unit 01 - Wonders of the living world

01. What is environment?

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02. Write 3 examples for natural environment.

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03. What is growth?

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04. Classify the given as living and non-living.
(Pencil, Mango tree, Stone, Squirrel, Ball)

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05. Name the main groups of living organisms.

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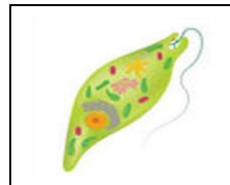
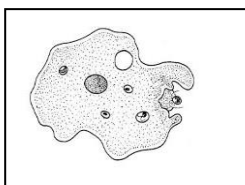
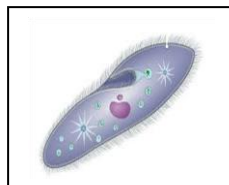
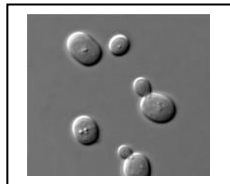
06. What is microorganism?

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07. Give the groups of microorganisms.

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08. Identify the following microbes



09. What are the benefits of microorganisms?

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10. What are the bad effects of microorganisms?

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11. Name the instrument which is used to observe microorganisms in the school laboratory.

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12. Give the 6 characteristics of organisms.

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13. Name the instrument which is used to observe the growth of plants.

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14. What are autotrophs? Give examples.

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15. What are heterotrophs?

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16. What is photosynthesis?

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17. What are the factors essential for photosynthesis?

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18. Give the main and the by-products of photosynthesis?

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19. What is locomotion?

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20. Complete the chart.

organism	Mode of locomotion	Organ used for locomotion
Fish		
Snake		
Human		
Crow		
Butterfly		

21. Give 2 examples for plants movements.

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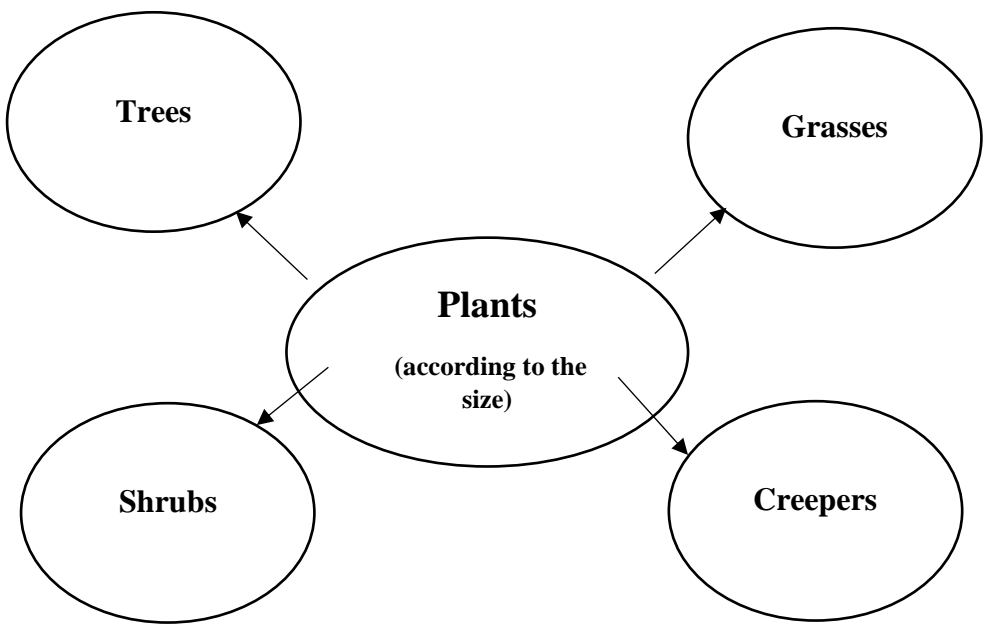
 22. Name the gases which are inhaled and exhaled during respiration.

23. What is reproduction?

24. Give the differences between plants and animals.

25. Write the similarities between plants and animals.

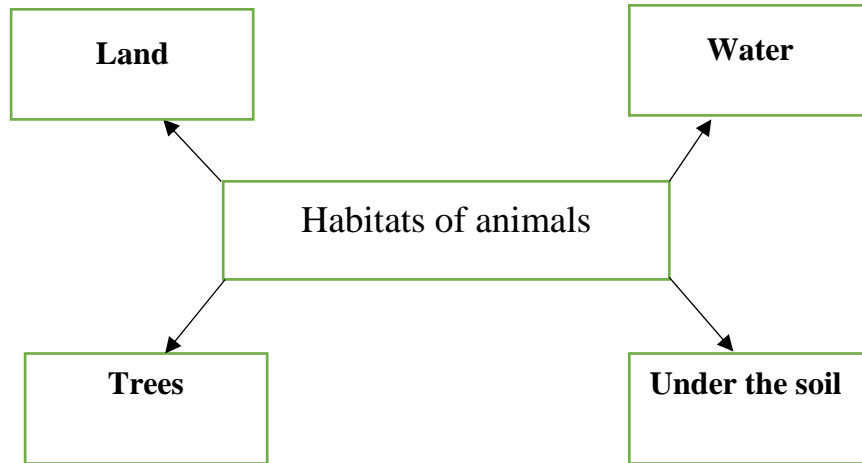
26. Paste 3 suitable pictures into the given ovals



27. How to called the diversity which plants have the diversity in root, stem, leaf, fruit, flower, seed, and bud?

28. Plants have diversity in habitat. Give 2 examples for the given habitats.
- 1) Terrestrial environment :
 - 2) Aquatic environment :
 - 3) Sea shore environment :
 - 4) Mangrove environment :
 - 5) Xerophytic environment :
 - 6) Epiphyte :

29. Paste the suitable animals live in given habitat



30. Complete the table

Mode of locomotion	Examples
Walking	
Swimming	
Crawling	
Flying	

31. Explain the given words and give 3 examples for each.

- (01)Herbivore
- (02)Omnivore
- (03)Carnivore

32. Explain why plant and animal diversity is important for the environment

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33. What is dichotomous key?

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34. Write the features of dichotomous key.

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35. Classify the given organisms by using the dichotomous key.

- 1) Paddy, Mango tree, Guava, Shoe flower, Coconut tree

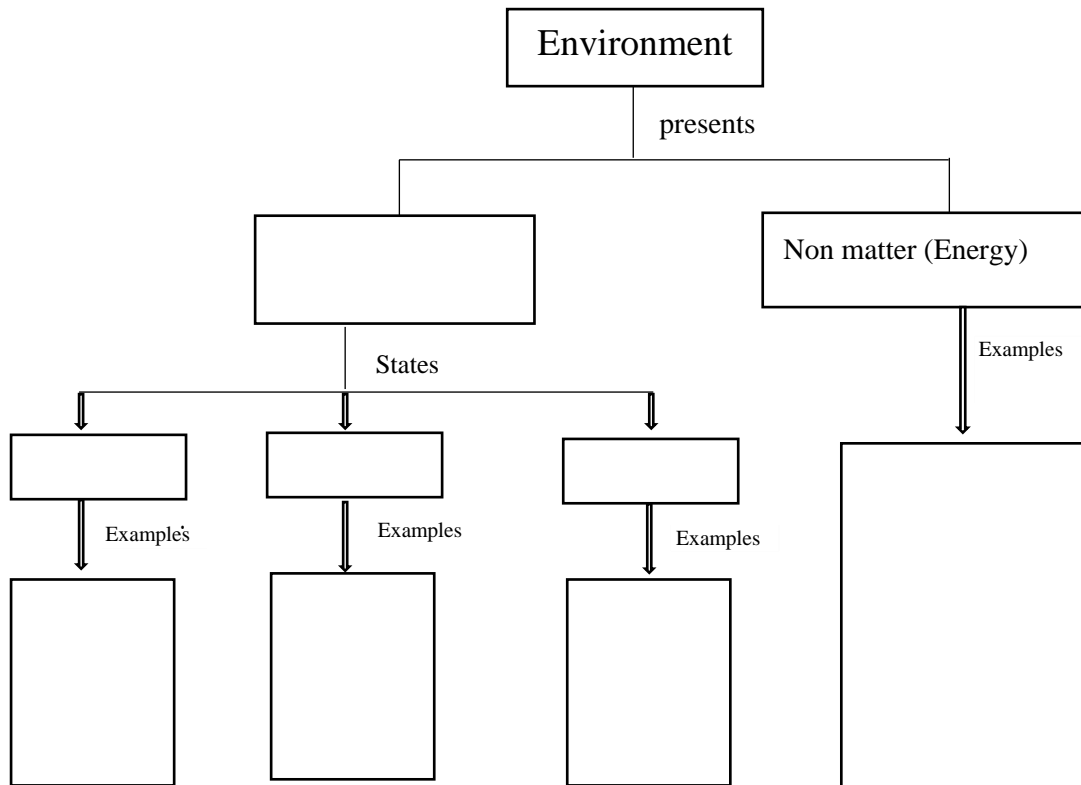
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- 2) Earthworm, Cat, Butterfly, Hen, Cow

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Unit 02 - Things around us

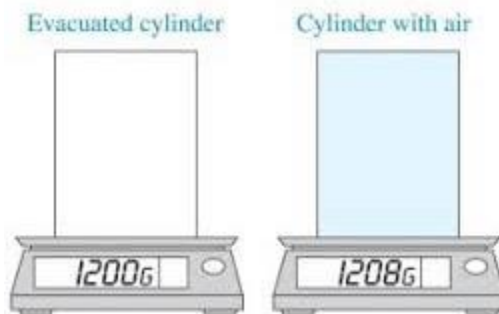
1. Complete the concept map.



2. Write an experiment to show air occupies space.

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3. What is your conclusion related to given experiment?



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4. What is mass? What is the SI unit of mass?

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5. What is the relationship between kilogram and gram?

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6. What are the differences between matters and non-matters?

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 7. Complete the given chart

Solids	Liquids	Gases
Have a definite shape		
	Have a definite volume	

8. Explain with using pictures that liquids do not have a definite shape, it's take the shape of the containers

9. How to explain gases do not have a definite shape?

10. Complete the chart

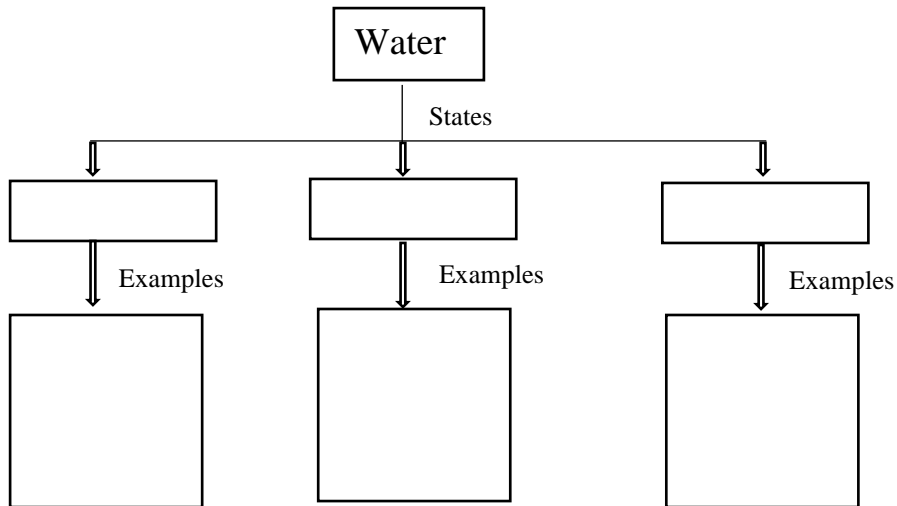
Properties of matter		Examples
Hardness		Diamond Steel
Malleability		
Ductility		
Elastic nature		
Brittleness		
Texture	Smooth	
	Rough	

Unit 03 - Water as a natural resource

1) Give the properties of water.

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2) Complete the concept map



3) Write an experiment to show, Water vapour present in the atmosphere.

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4) Give examples for the types of water based on availability.

Precipitation	Surface water	Underground water

5) Give the types of water based on salinity and give two examples for each.

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6) Water is a universal solvent, explain briefly.

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7) List out the uses of water.

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8) Write the importance of water for living organisms.

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9) Investigate the ways of water pollution.

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10) Discuss about the solutions for prevent the water pollution.

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