

**Note: - Do this worksheet in a separate notebook.**

**Q1. Answer the following questions.**

1. Name the methods used to separate solids from solids. Give examples.
2. Why children have slightly higher body temperature than adults?
3. What do you mean by living things? Explain the all characteristics of living thing with examples.
4. What happens when chalk powder and sand are added to water? Why
5. We can live without food and water for many days but can not live without oxygen. Give reason.
6. What are the different states of water? Explain and write four- four properties of each of them.
7. What is sieving? Give two examples where sieving is used.
8. What is laboratory thermometer and what are the precautions that should be taken while using it.
9. How you will separate light husk particles from heavier grains.
10. How the cactus adapts itself to live in the desert?
11. What is sedimentation and decantation? Explain with examples.
12. What are the two types of mixture? Explain with examples.
13. Define – 1. Magnetic separation 2. Churning 3. Winnowing 4. Saturated solution 5. Stimulus 6. Reproduction
14. What is handpicking? Give examples.
15. What are the different components present in our food? Explain each of them and what are the deficiency disease occurs due to the lack of that component.
16. Mention three food items rich in the following nutrients.  
1. Proteins 2. Fats 3. Iron 4. Calcium 5. Carbohydrates
17. Which method is used to separate tea leaves from brewed tea? Explain.
18. Why sorting of material is important?
19. Write the differences between lustrous and non-lustrous material.
20. Explain the property of texture and give example of rough and soft material.
21. how concrete flooring affects the refilling of ground water?
22. What is flotation? Explain why few materials float on water and few sinks in water.
23. Write the differences between magnetic and non- magnetic material.
24. Give examples of soft and hard materials.
25. Write an activity to show that a freely suspended magnet always rests in North- South direction.
26. What do you mean by evaporation? Write the factors that affect the rate of evaporation.
27. What is water cycle? Why ocean water is unfit for human consumption?
28. What do you mean by solubility and how can we increase the solubility of the solution?
29. What is clinical thermometer? What are the two types of clinical thermometer?
30. Why the temperature of boiling water remains same at boiling point?

**Q2. Write short notes on the following.**

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|---------------|------------------|-------------------|----------------|------------------|
| 1) Cartilage  | 2) Magnetisation | 3) magnetic field | 4) respiration | 5) Balanced diet |
| 6) Adaptation | 7) humidity      |                   |                |                  |

**Q3. Write the differences between the following.**

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| 1) Breathing and Respiration.          | 4) Magnetic and non-magnetic material  |
| 2) Transparent and opaque materials    | 5) Clinical and laboratory thermometer |
| 3) Saturated and unsaturated solution. | 6) Luminous and non-luminous objects   |