

ASSIGNMENT [2016-17] SA-II CLASS- IV SCIENCE

[Question no.1 to 10 is of one mark each]

1. How can pollution of river water be reduced?
2. What is the harmful effect of oil spills on aquatic animals?
3. Why should polluted water not be used to irrigate crops?
4. What do you understand by oil spills?
5. For which process of our body, our body requires water and uses it?
6. How can we kill germs present in water?
7. Write name of any two diseases which can cause due to drinking unclean water?
8. Sana wants to keep good eye-sight, which vitamin should she take?
9. Who needs more amount of carbohydrates, a rickshaw puller or a bank manager?
10. Which vitamin is made by sunlight?

[Question no.11 to 20 is of 2 marks each]

11. What are main characteristics of an insect? How can we say lady bird beetle is a useful insect?
12. What do you know about social insects? How do they live?
13. Mention the qualities of balanced diet?
14. How can you define vitamin? With what name are food stuffs containing vitamins called?
15. What is the bad effect of drinking unclean water?
16. Name any two traditional method of purification of water.
17. Mention bad effect of wastes from factories and field on aquatic animals?
18. Write any four steps to reduce water pollution.
19. Observe the following pictures and write the different types of pollution what are you able to see in this picture.



20. Which two types of materials are used to increase the production of crops? How these material affect the crop?

[Question number 21 to 35 is of 3 marks each]

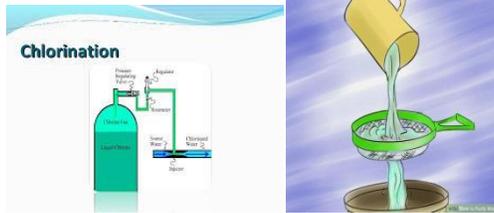
21. Rajeev's house is near a factory from which various waste product in liquid form come out and there is no any proper place to dump these wastes. These waste products float towards a canal which is used to irrigate to crops. Rajeev said to his father that they should inform it to Municipal Corporation to take an action against the factory.

- a) Which type of pollution is created by the factory?
 - b) Write any one way to prevent water pollution.
 - c) Which moral value is shown by Rajeev?
22. Write the name of five nutrients found in our food. How are they important for our body.
 23. Write any two bad effects of pollutants which are dumped by the factories into the rivers.
 24. Name any two harmful insects. How are both responsible for spreading diseases?
 25. Which group is the largest group of animals on the Earth? Write the special characteristics of this group.
 26. a) Give the name of a tiny creature which looks like an insect but it is not an insect.
b) How does it create its web?
 - 27a). Give the name of any two stinging insects.
b). Give the location of the sting on the body of these insects.
c). How does sting affect the skin.
 28. Classify different foods on the basis of the functions performed by them.
 29. Why do we eat food? How much amount of energy we get from one gram of carbohydrates and from one gram of fat?
 30. Give any two sources of vitamin which is made by our body in the presence of sunlight. How does it help our body?
 31. Which substance present in the food does not provide any nutrient to our body? Even than it is important for our digestion. Give reason?
 32. 'Water is essential for our body'. Justify your answer.
 33. How can you prove that the amount of water available for our survival is limited? Why is this limited amount further decreasing? Write any three factors affecting this limited amount.

34. How does increase in population affect the availability of water for each person? What do you understand by the 'population'?
35. Which one undesirable human activity is changing the climate of a particular place? How does it affect the climate?

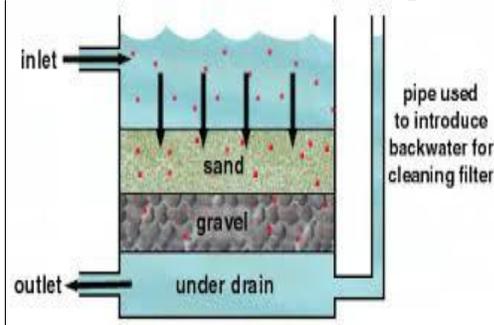
[Question number 36 to 50 is of 5 marks each]

36. What is the meaning of the word 'sustaining'? How can you prove that water is important for sustaining life on the Earth? [Give any five points]
37. How can you prove that rainwater harvesting helps in increasing the level of under ground water? Explain the meaning of rain water harvesting. Name the places where it can be applicable.
38. Write any five causes of water pollution.
39. Observe the following diagram and write which method of purifications in pictures is shown? Explain them



40. Define the following

- a) Pesticides b) oil spills c) domestic waste d) fertilizers e) germs



41. Observe the diagram and answer the following questions

- a) What is the aim of arrangement shown in diagram?
- b) What is the need of this arrangement?
- c) Name two other methods for same purpose.
- d) Give any one method for proper storage and safe handling of water.
42. State any five methods of conserving water in our daily life.
43. What is the importance of dams? Search and write the name of any three important dams of our country.
44. Explain with diagram: Rain water harvesting.
45. What is roughage? How is it helpful for our digestion? What are the sources of it? Do they provide any nutrient?
46. Write the different sources and functions of the vitamins A and D. How does vitamin D help our body.
47. Name the minerals needed by our body. Write any one source of each one. What is the function of iron in our body?
48. Write the meaning of the following words
a) Membranous b) secrete c) sting d) jaundice e) germs
49. Write a short note on "sericulture".
50. Draw the diagram of following
a) Traditional filter b) modern filter c) insect spreading dengue d) food items giving us energy e) insect eating large number of pests.