

**SBOA SCHOOL AND JUNIOR COLLEGE CHENNAI - 101**

**CLASS VIII –SCIENCE**

**HIGHER ORDER THINKING QUESTIONS**

1. During ploughing the land is pressed lightly and not tightly . Justify.
2. Silver cannot displace iron from its salt solution Why ?
3. The larva of Frog is not same as that of an Adult Frog . Justify.
4. Plant cell contains cell wall and animal cell does not have. Comment.
5. In the evening , Sonu plays guitar for the poor children of his colony .He even teaches some children without getting money.

(a) Name the property of a metal used in strings of guitar.

(b) What value do we learn from Sonu ?

6. Sonia's mother wants to make cake on her birthday. What must be used to make the dough of cake soft? Why?

7. While working in the garden, Raghav saw some unwanted plants growing with the rose plants. What are the steps should be taken to control them ? Name the process.

8. Plastids are found only in plant cell. Why?

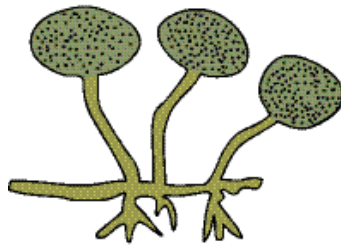
9. Why can't we use water for the fire at petrol pump? What type of temporary arrangements are available at the petrol pump?

10. Observe the diagram and answer the questions.



- (a) Write the name of the disease.
- (b) Name the causative agent of this disease.
- (c) How does the disease spread from one plant to another?
- (d) Name any two plant diseases and the microbes that cause those plant diseases

11. Observe the diagram and answer the following questions.



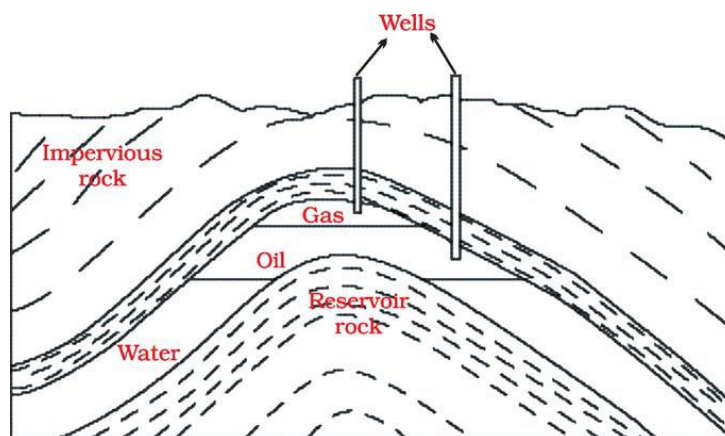
- (a) Name the microorganism and the group to which it belongs.
- (b) Name the food item on which the organism grows.
- (c) Does it grow well in dry or in moist conditions?
- (d) Is it safe to eat infected bread?

12. In the given Figure you find that the bulb glows when an iron nail is placed between two ends of wire. Complete the following sentences on the basis of this fact.

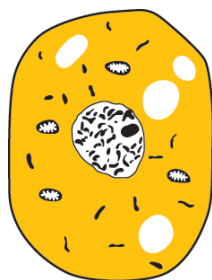


- (a) \_\_\_\_\_ is a metal.
- (b) Metals are good \_\_\_\_\_ of electricity.
- (c) If iron nail is replaced by a wooden stick, will the bulb glow ?  
Justify your answer.

13. Petroleum and natural gas deposits are shown in the given diagram. Why do we find oil layer above water layer?

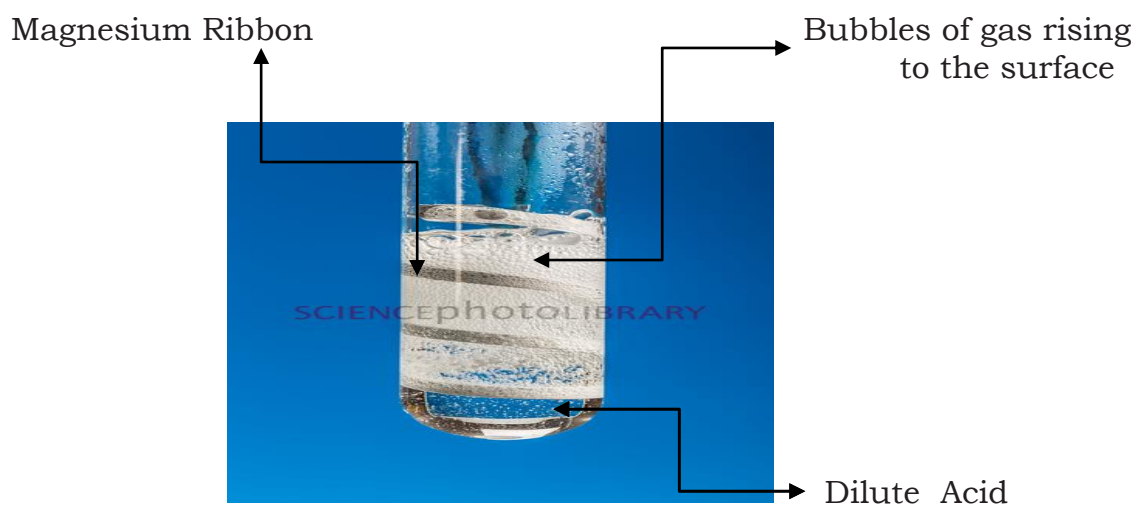


14. Observe the following diagram and Answer the questions .



- (a). Does it represent a plant cell or an animal cell ? Identify the parts.
- (b). Does it represent a prokaryotic cell or an eukaryotic cell?

15. A metal 'M' has shining appearance and reacts with dilute Hydrochloric Acid (HCl)



- (a) Identify the gas evolved.
- (b) How will you test the gas?