

Class 8
8-8-2016

Formative Assessment II in SCIENCE

Time : 1hr.
M. Marks : 20

1. Define the following terms: (½+½)
a) Displacement reaction b) Malleability
2. Give the scientific terms for the following : (½x2=1)
a) Dead and weakened germs that help to protect the body against future attack.
b) The process of conversion of sugar into alcohol with the help of yeast.
3. The oxide of a substance 'X' dissolves in water to form a solution which turns blue litmus red. Predict the nature of the oxide of the substance 'X'. Is 'X' a metal or a non-metal? (½+½)
4. Fill in the blanks: (½x2=1)
a) In agriculture microorganisms are used to increase _____ by fixing nitrogen.
b) _____ discovered the vaccine for small pox.
5. Complete the following table: (½x2=1)

Human Disease	Causative Micro organism	Mode of Transmission
1. Tuberculosis	-	Air
2. -	Protozoa	Female Aedes Mosquito
6. What is drag? (1)
7. Draw a well labelled neat diagram of amoeba. (1)
8. Explain why objects moving in fluids must have special shapes. (1)
9. Give two examples to show that friction is useful to us. (1)
10. Fill in the blanks:- (½x4=2)
a) Friction always opposes _____
b) Friction is _____ force.
c) Friction produces _____
d) It is difficult to walk on ice as Friction is _____
11. Give reasons for the following: (½x4=2)
a) Phosphorous is stored in water.
b) Handles of cooking utensils are made up of plastics.
c) School bells are made of metal.
d) Lemon pickle cannot be stored in an aluminium vessel.
12. Give reasons:- (1x2=2)
a) Sportsmen shoe with spikes
b) Sliding friction is less than static friction.

13. What are antibiotics? What precaution must be taken while taking antibiotics? (2)
14. Name the following: (½x6=3)
- a) a soft metal.
 - b) a non- metal which is used for purification of water.
 - c) a liquid metal.
 - d) a non- metal which is a good conductor of electricity.
 - e) the most ductile metal.
 - f) a non- metal which is used in fertilizers.

-X-X-X-X-X-X-