



B.E.S.T. Group Of Schools, Saudi Arabia

Class:7

Worksheet-1

Subject:Science.

Half Yearly Examination-2018-19

I. Answer the following:

1. Define digestion.
2. Why is bread mould a saprophyte?
3. What are the characteristics of chemical changes?
4. How is the division scale of Fahrenheit different from that of Celsius scale?
5. Why is it advisable to wear a light colored fabric in summer and dark colored in winter?
6. How are plastics and metals different?
7. Define rusting. How does it affect our economy?
8. Explain how rock candy is made.
9. How can we separate ammonium chloride from salt?
10. How does nutrition take place in herbivores such as cows and buffaloes.
11. Define how water particles get heated.
12. How are saprophytes, parasites and symbionts different from each other?
13. Why does the color of iron nails and the solution change?
14. What happens when magnesium burns in air? Explain the reaction and product obtained.
15. Are all chemical changes irreversible? Explain with examples.
16. Explain the mode of nutrition in lichens.
17. What are the different methods of replenishing nutrients in soil? Which method is the best for plants?
18. A boy ate a piece of cake. Explain where and how it will be digested in his body.
19. Explain symbiosis relationship between algae and fungi.
20. Distinguish between saprophytes and insectivores with suitable examples.

II. Choose an answer to the question given:

1. Animals that depend on other animals for their food are called _____.
(Autotrophs, Heterotrophs)
2. Paramecium has hair like structure called _____.
(Cilia, pseudopodia)
3. _____ helps to digest fats in human body.
(Bile juice, pepsin)
4. Reaction between copper sulphate and nail is an example where _____ happens.
(Change in color ,evolution of gas)
5. _____ can be used as a substitute for mercury.
(Alcohol, water)
6. Thermocol is an example of _____.
(Insulator, Conductor)
7. Fahrenheit scale has _____ divisions.
(100,180)
8. Stretching of a rubber band is an example for _____ change.
(Physical, chemical)
9. The partially digested food in rumens is called _____.
(Cud, cellulose)
10. Breaking down of food into complex substances is called _____.
(Digestion,assimilation)
