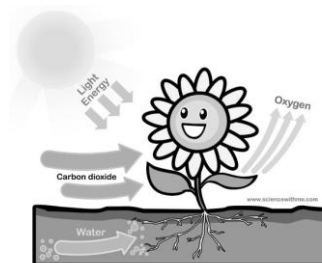


SCIENCE

01. The brown colored iodine solution, after reacting with starch, turns into
- A. reddish black
 - B. bluish black
 - C. purple
 - D. no change

02. Identify the process in the given diagram.

- A. Transpiration
- B. Absorption of water
- C. Photosynthesis
- D. Growth of the plant



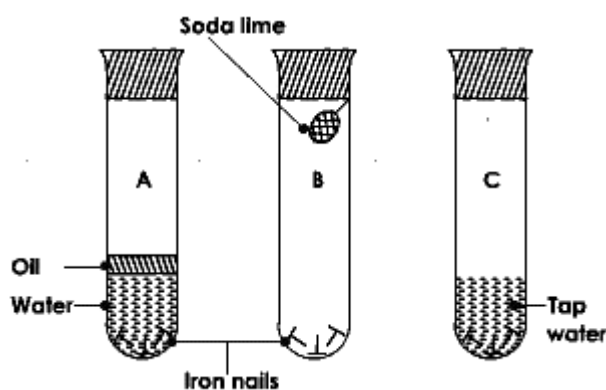
03. Complete the equation

Water + Carbon dioxide + Light Energy \longrightarrow

- A. Carbon dioxide+ Carbohydrate
- B. Hydrogen+ Carbohydrate
- C. Oxygen+ Carbohydrate
- D. Nitrogen + Carbohydrate

04. The conditions needed for rusting are:

- A. Air
- B. Moisture
- C. Oil and soda lime
- D. Both air and moisture



05. Which acid is present in soft drinks?

- A. Carbonic acid
- B. Acetic acid
- C. Tartaric acid
- D. Formic acid

06. Quinine is a medicinal plant which is used to cure malaria. This is made from the bark of

- A. Cinchona tree
- B. Neem tree
- C. Amla tree
- D. Eucalyptus tree

07. Each day, the Sun evaporates

- A. million tones of water
- B. trillion tones of water
- C. billion tones of water
- D. None of these

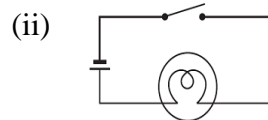
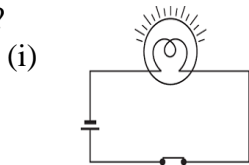
08. Which of the following is not a water-borne disease?

- A. Diarrhoea
- B. Dysentery
- C. Influenza
- D. Cholera

09. Water cycle is also called

- A. hydraulic cycle
- B. hydrolysis cycle
- C. hydrogenation cycle
- D. hydrological cycle

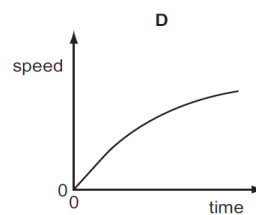
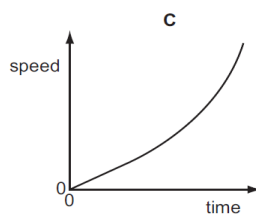
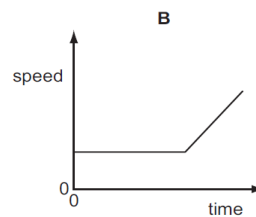
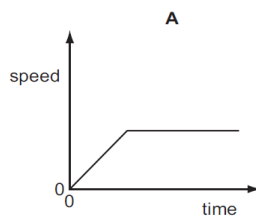
10. The production of silk began almost 6000 years ago in
 A. China B. Japan C. Italy D. India
11. This part of the human body uses maximum amount of oxygen. Identify.
 A. Lungs B. Brain C. Spleen D. Gall Bladder
12. A three-inch cube of gold could be hammered so thin that it would cover an acre of ground. This property is called
 A. Lustrous B. Sonorous C. Malleability D. Ductility
13. A virtual image, larger than the object, can be produced by a
 A. Concave lens B. Concave mirror C. Convex mirror D. Plane mirror
14. A device used to measure instantaneous speed of a moving vehicle is known as
 A. Sphygmomanometer B. Electrocardiogram
 C. Anemometer D. Speedometer
15. A regular reflection takes place when light is incident on a
 A. polished surface B. unpolished surface C. rough surface D. uneven surface
16. In which of the following cases, if a compass is brought near the circuit, the compass will show a deflection?



- A. Only (ii) B. Neither (i) nor (ii) C. Both (i) and (ii) D. Only (i)

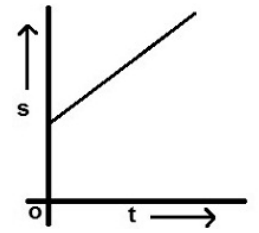
17. This mirror is used by the dentists to focus light on the tooth of the patient.
 A. Concave B. Convex C. Plane D. Cylindrical

18. Identify the graph that shows an object moving initially with constant speed and then with constant acceleration.



19. The displacement-time curve of a body is shown in the adjacent figure. It shows

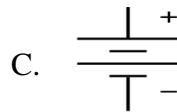
- A. the body is moving with uniform velocity with zero initial velocity.
- B. the body is moving with uniform velocity, with finite initial velocity.
- C. the body is moving with constant acceleration with zero initial velocity.
- D. the body is moving with constant acceleration with finite initial velocity.



20. In an electric circuit, a battery is denoted by the symbol



B.



D.

