

34. Thermal Power plant is considered a bad source of energy. Why?

a) as it uses very less amount of fossil fuels

b) as the burning of fossil fuel releases harmful gases

c) as electricity is harmful and pollutes the environment

d) as thermal power plants produce less amount of electricity

35. Which of the following chemicals causes depletion of ozone layer?

a) Carbon tetrachloride

b) Methane

c) ChloroFluoro carbon

d) Carbon Monoxide

28. Mixture of two or more metals, or metals and non-metals are called as

- a) solution
- b) alloy
- c) metallic mixture
- d) none of the above

29. Choose the law of conservation of mass

- a) mass neither be created nor formed
- b) mass can neither be created nor reformed
- c) mass can neither be created nor destroyed
- d) mass can be created but not destroyed

30. _____ are present in atoms having no any charge

- a) electron
- b) proton
- c) neutron
- d) both (a) and (b)

31. A non-metal used to preserve food material is

- a) Nitrogen
- b) Carbon
- c) Phosphorus
- d) Sulphur

32. Main function of cerebrum is _____

- a) thinking
- b) hearing
- c) memory
- d) balancing

33. What are the three R's to save the environment?

- a) Replenish, Reduce, Reuse
- b) Reduce, Reconstruct, Reuse
- c) Reduce, Recycle, Reuse
- d) Reconstruct, Reduce, Remove

21. The speed of sound is more than the speed of light in air

a) True

b) False

22. Which group of waste materials can be classified as non-biodegradable?

a) Plant waste, used tea bags

b) Polyethene bags, plastic toys

c) Paper straw, used tea bags

d) old clothes, broken footwear

23. The bulb glows because of electricity. Identify the energy conversion in this process

a) Light energy into electrical energy

b) Electrical energy into light energy

c) Chemical energy into heat energy

d) Light energy into heat energy

24. Which of the following does sink into water

a) Empty plastic bottle

b) Wooden block

c) Iron Nail

d) Rubber Band

25. In which part of the human eye, image of an object is formed.

a) Iris

b) Pupil

c) Retina

d) Cornea

26. How much more heat is produced if current is doubled?

a) Twice the original amount

b) Thrice the original amount

c) Half the original amount

d) Four times the original amount

27. Pa is the SI unit of _____ called as _____.

a) Pressure, Pasteurize

b) momentum, pascal

c) pressure, pascal

d) energy, joule

14. If you have a fire in your microwave:

- a) turn it off immediately and open the door.
- b) turn it off immediately and keep the door closed.
- c) open the door and attempt to put off the fire
- d) get a lid from a pot or pan to cover the fire

15. When heating food in the microwave

- a) use any container that can fit in the microwave
- b) cover the container with aluminium foils to prevent the spills
- c) use only microwave safe containers or dishes to heat food.
- d) avoid wearing clothes with loose sleeves

16. The most suitable material for making the core of an electromagnet is

- a) Steel
- b) Iron
- c) Soft Iron
- d) Aluminium

17. What is the S.I unit of frequency of force?

- a) Watt
- b) Kelvin
- c) Joule
- d) Newton

18. White revolution deals with

- a) Milk production
- b) Agriculture
- c) Indigo production
- d) Rice production

19. Loudness or softness of sound depends upon

- a) frequency
- b) amplitude
- c) type of wave
- d) None of these

20. Which of the following is/are the source of energy?

- a) Sun
- b) nuclear reactions
- c) Tides
- d) all of the above

7. Which of the following substance is present in large quantities in the solution?

- a) Solute
- b) Solvent
- c) Water
- d) Benzene

8. Which of the following forms the basis of modern periodic table?

- a) Atomic Mass
- b) Atomic Number
- c) Number of nucleons
- d) All of the above

9. If you are simmering, baking, roasting or boiling food:

- a) check it regularly and stay at home
- b) it is safe to run outside and get your mail
- c) stay in kitchen and watch the stove
- d) it is safe to leave the home for an hour

10. What is the S.I unit of frequency of the sound wave?

- a) Eta
- b) Lambda
- c) Hertz
- d) Pi

11. Name an inert diatomic gas which is neither combustible nor helps in combustion?

- a) Carbon Dioxide
- b) Hydrogen
- c) Nitrogen
- d) none of the above

12. Name a gas which is used in refrigeration and in fire extinguisher?

- a) Nitrogen
- b) Hydrogen
- c) Carbon Dioxide
- d) Methane

13. Name a tear gas which is used in riots?

- a) Ethylene
- b) Krypton
- c) Nitrous Oxide
- d) CS gas

3rd position

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Quiz Questions

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quiz
(Bis mentor)

1. Which is the best domestic fuel? (1)

- a) Wood
- b) Coal
- c) Liquefied Petroleum Gas
- d) Kerosene

2. Name the gas which is found in abundance in earth in both combine and free state with other elements?

- a) Oxygen
- b) Nitrogen
- c) Hydrogen
- d) Sulphur

3. Which of the following is best or you can say more suitable for summer?

- a) Polyester
- b) Nylon
- c) Cotton
- d) Silk

4. As per the following the Kinetic energy of molecules is directly proportional to

- a) Pressure
- b) Atmospheric pressure
- c) Temperature
- d) None of them

5. Name the gas which is used in making chloroform?

- a) Methane
- b) Propane
- c) Butane
- d) Acetylene

6. Which of the following process converts solids into gas?

- a) Sublimation
- b) Vaporization
- c) Deposition
- d) Fusion