**Q. No.1. Chlorine gas is used in the home water supply system during raining season to kill the micro organisms named.**
(a) Algea        (b) Bacteria        (c) Fungi        (d) Virus

**Q. No.2. Which one of the following radicals carry variable charges.**
(a) Zn2+ (b) Fe3+ (c) Mg2+ (d) Na+

**Q. No.3. Select the micro organism that is “NOT” cellular:**
(a) Algea        (b) Bacteria        (c) Fungi        (d) Virus

**Q. No.4. Current is flow of:**
(a) Charge        (b) Electron        (c) Neutron        (d) Proton

**Q. No.5. The atoms in one molecule of water (H2O) are in the ratio of**
(a) 1:2        (b) 2:1        (c) 1:4        (d) 4:1

**Q. No.6. Green house is a room made of:**
(a) Bricks        (b) Iron        (c) Glass        (d) Wood

**Q. No.7. Two cells are connected in series in a circuit. If another cell is added in this circuit, then the current in the circuit will be:**
(a) Increased                (b) Decreased
(c) Remained same        (d) First increase then decrease

**Q. No.8. Example of sedimentary rocks is**
(a) Basalt        (b) Clay        (c) Marble        (d) Gypsum

**Q. No.9. In the given diagram, the virtual image is formed when the body is placed at the point**



(a) A        (b) B        (c) C        (d) D

**Q. No.10. In order to make their own food, plant leaves absorb**
(a) Minerals        (b) Oxygen        (c) Rain        (d) Sunlight

**Q. No.11. Cold blood group of animals is**
(a) Crocodile, Ostrich        (b) Ostrich, Kiwi
(c) Sparrow, Crocodile        (d) Tortoise, Crocodile

**Q. No.12. Current can pass through**
(a) Iron        (b) Plastic        (c) Rubber        (d) Wood

**Q. No.13. If the potential difference across a bulb is increased from 2 volt to 5volt. Then the quantity of current through the bulb will:**
(a) Decrease        (b) First decreases then increases
(c) Increase        (d) First increases then decreases

**Q. No.14. When water boils**
(a) Gas becomes solid          (b) Liquid becomes solid
(c) Liquid becomes gas        (d) Solid becomes liquid

**Q. No.15. The depletion of ozone layer is happening in the atmosphere due to**
(a) Less industrialization        (b) Excessive industrialization
(c) Excessive plantation        (d) Excessive use of Pesticides

**Q. No.16. Which one of the following is a chemical change:**
(a) Boiling of milk        (b) Boiling of water
(c) Boiling of egg        (d) Melting of ice

**Q. No.17. The disease that can transfer to the next generation is**
(a) Cholera        (b) Hemophila        (c) Influenza        (d) Malaria

**Q. No.18. The thermometer that shows the boiling of water in a Pan is**



**Q. No.19. The symbol of Cobalt is**
(a) Cr        (b) Co        (c) Ca        (d) CO

**Q. No.20. The Galvanometer will detect current when the magnet is**



(a) Far away from the coil        (b) High above the coil
(c) Moving in the coil        (d) below near the coil

**Q. No.21. Salt that is used for the treatment of goiter disease is**
(a) Iodine        (b) Magnesium        (c) Potassium        (d) Sodium

**Q. No.22. When two hydrogen atoms and one oxygen atom combine chemically they form:**
(a) Compound        (b) Element        (c) Ion        (d) Mixture

**Q. No.23. Diamond is most likely used in making of**
(a) Bangles (b) Electrode
(c) Jewellery (d) Electric bulb

**Q. No.24. Chromoses are chemically composed of DNA and**
(a) Carbohydrates (b) Fats
(c) Protein (d) Vitamins

**Q. No.25. Example of Non-Crystalline forms of carbon is**
(a) Charcoal and Coal (b) Charcoal and Bucky ball
(c) Coal and Graphite (d) Coke and Diamond

**Q. No.26. The group of dicotyliden plants is**
(a)Apple, Pea, Maize (b) Pea, Rose, Orange
(c) Rice, Apple, Sarsoon (d) Wheat, Mango, Sugarcane

**Q. No.27. Soap is prepared by heating the mixture of**
(a) Animal fat and Sodium Bicarbonate
(b) Vegetable oil and Sodium Carbonate
(c) Vegetable oil and Animal fat
(d) Vegetable oil and Sodium Hydro oxide

**Q. No.28. Conefers are the plants which have**
(a) Cones and small leaves (b) Naked seeds and Needle leaves
(c) Naked seeds but no leaves (d) Seeds and flowers

**Q. No.29. If you dip your finger inside a liquid. The pressure exerted by the liquid on your finger would be**
(a) Different at all parts (b) Minimum on lower part
(c) Maximum on upper part (d) Same at all parts



**Q. No.35. Comets revolve around the**
(a) Earth             (b) Moon             (c) Sun             (d) Star

**Q. No.36. If two ends of a bulb are connected with the positive terminal of the battery, the bulb will**
(a) be lighted             (b) be Fused             (c) First lighted then fused             (d) not lighted

**Q. No.37. Solids ionic compound behaves at normal temperature as**
(a) Conductor                      (b) Insulator
(c) Semi-Conductor             (d) Super Conductor

**Q. No.38. One of your class fellows has fungus problem on his skin which substance will be applied along with sulphur for treatment**
(a) Calcium Hydro oxide             (b) Calcium Oxide
(c) Sodium Carbonate                 (d) Sodium Hydro oxide

**Q. No.39. Na2CO3 represents the chemical formula of**
(a) Barium Carbonate                  (b) Calcium Carbonate
(c) Potassium Carbonate             (d) Sodium Carbonate

**Q. No.40. When a light ray enters from lighter medium to denser medium at right angle, it**
(a) Bends towards normal                (b) Bends away from normal
(c) Does not change its path             (d) Reflects back in lighter Medium