

## General Science - 9th Class General Science English Medium Short Question Preparations

Q1. What is diphtheria.

**Ans 1:** It is a bacterial disease which prevails.

Q2. Define Biochemistry

**Ans 1:** The study of biochemical reactions in living organisms.

Q3. What is Rh System of blood.

**Ans 1:** Second blood group system called Rh system.

**Ans 2:** This system is based on another red blood cells antigen called Rh factors.

Q4. Use of Potassium.

**Ans 1:** In glass industry: Potassium in the form of potassium carbonate and potassium nitrate, is used in the preparation of glass.

**Ans 2:** In Soap Industry: Potassium carbonate is also used in the manufactureing of soap.

**Ans 3:** In detergent Manufactureing: Potassium nitrate is used in preparation of explosive material

Q5. Write a note whooping cough.

**Ans 1:** Whooping cough is an infection bacterial disease.

Q6. Define Anabolism

**Ans 1:** Anabolism is a synthetic metabolism in which larger biological molecules are build from smaller one.

**Ans 2:** Example: Photosynthesis is an example of anabolism in which plants used energy of sunlight carbon dioxide and water.

Q7. Define Antibiotic drugs.

**Ans 1:** The drugs that are used to treat the disease produced by the bacteria are called antibiotics.

Q8. Define Recycling.

**Ans 1:** Production of new useful articles from used materials.

Q9. Write two methods of conservation of natural resources.

**Ans 1:** Two methods of conservation of natural resources are

**Ans 2:** 1- Material is used should be reused as it can be recycled.

**Ans 3:** 2- Resources must be conserved for future use and alternative of common use may be adopted.

Q10. Define Medicines.

**Ans 1:** These are those medicine, which remove headache example are aspirin and paracetamol.

Q11. Write the importance of Iron in living organisms.

**Ans 1:** Iron is essential to all living organisms. It is present in the active centre of molecules responsible for oxygen carrier and of other types of molecules for electron transport. Normally it is slightly toxic, but excessive intake can cause siderosis and damage to some organs.

Q12. What are Vitamins.

**Ans 1:** These are the organic substances, which are needed in the body in fractions only. They act as co-enzymes in most of chemical reactions in a body. The body cannot grow normally if they are not taken regularly.

Q13. Define Ores.

**Ans 1:** Mostly minerals are in rock form. The rocks from which minerals can be obtained are called ores.

Q14. Define ABO system of blood.

**Ans 1:** The human blood is divided into A, B, AB and O groups on the basis of antigens and antibodies and is called ABO system of Blood.

Q15. What is Ring Worm.

**Ans 1:** A fungal skin disease which spreads by circular patches.

Q16. What is the function of Phosphorus in plant.

**Ans 1:** The most essential functions of phosphorous in plants is in energy storage and transfer. Adenosine di and tri phosphates act as energy currency within the plants. In human being during carbohydrate metabolism and in plants during photosynthesis the energy produced is stored in the form of phosphate compounds i.e. ADP and ATP. When the phosphate compounds from either ATP or ADP is split off, a relatively large amount of energy is liberated. This energy is used in growth and reproductive processes.

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Q17. Use of Iodine:

**Ans 1:** Iodine is used in making dyes for colour photography.

**Ans 2:** Pharmaceuticals; Iodine is used in the preparation of medicines in pharmaceutical industries.

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Q18. What are narcotics.

**Ans 1:** Those drugs, which relieve pain, promote sleep, produce addiction, are called narcotics. for examples opium, morphine, heroin etc.

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Q19. Write the importance of recycling.

**Ans 1:** 1- Reduction in rubbish to control environmental pollution.

**Ans 2:** 2- Conservation of raw materials and natural resources.

**Ans 3:** 3- Treatment of sewage saves water which is scarce in many parts of world.

**Ans 4:** 4- Recycling saves energy and money

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Q20. Write the uses of diamond.

**Ans 1:** Diamond is used in

**Ans 2:** 1- Cutting of glass and stones

**Ans 3:** 2- Rock drilling

**Ans 4:** 3- Polishing of precious stones

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