

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

Q1. Define Fossil fuel.

**Ans 1:** Fuel derived from the remains of organisms that lived long ago.

Q2. 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.

Q3. What is Greek's concept about life.

**Ans 1:** Greek has a firm belief that life is based on four elements.

**Ans 2:** 1- Air 2- Water 3- Earth 4- Fire

Q4. What is depletion of Ozone layer.

**Ans 1:** Certain chemicals are released from coolant like refrigerator, air conditioners, spray cans and factories manufacturing packing foams. These chemicals are called Chlorofluorocarbons.

**Ans 2:** CFCs react with ozone causing its depletion and thinning of ozone layer.

Q5. Define Vaccine

**Ans 1:** Vaccines are harmless form of disease causing microbes that stimulate the immune system.

Q6. Define technology

**Ans 1:** Science of industrial art. Methods used by experts.

Q7. Name those three elements which are abundantly found in human body

**Ans 1:** Carbon, hydrogen and oxygen most abundant elements

Q8. What are ductless glands.

**Ans 1:** Ductless glands are such glands, which do not have their own ducts or tubes. They directly pour their secretions in the blood. They are also called endocrine glands.

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Q9. Define AIDS

**Ans 1:** An abbreviation of Acquired Immune deficiency syndrome. This is a viral disease. The virus damages the immune system of the body against diseases in man.

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Q10. Write a note on whooping cough.

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

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Q11. Use of Calcium.

**Ans 1:** 1- Calcium is a component of cell wall in plant cells.

**Ans 2:** 2- It has an important role in the structure and permeability of cell membrane.

**Ans 3:** 3- Lack of Ca produces general breakdown of membrane structure.

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Q12. What is allotropy

**Ans 1:** When an element is found in more than one physical form in the same state, it is called allotropy. Carbon is the most common example which exists in three allotropic forms: diamond, graphite and bucky balls.

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Q13. What is Natural gas. uses of natural gas.

**Ans 1:** Natural gas is a mixture of different gases including methane, ethane, propane etc.

**Ans 2:** Uses: It is used in electricity generation in power plants, production of cement and chemical fertilizers, industries, and homes for heating and cooking. Vehicles are now being run on compressed natural gas.

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Q14. What is Astronomy.

**Ans 1:** Science of the sun, moon, planets and stars.

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Q15. Define Blood group.

**Ans 1:** Human blood appears simply the same but chemically people have different types of blood.

**Ans 2:** This difference is based on antigen present on the surface of red blood cells.

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Q16. Write about first aid in snake bite.

**Ans 1:** 1- Tie up the arm or leg rightly with some rope or cloth or that poison may not move further.

**Ans 2:** 2- Wash the wound with water.

**Ans 3:** 3- Lay down the patient and restrict its movement.

**Ans 4:** 4- Don't try to suck the patient's blood as it may prove fatal the first aider.

**Ans 5:** 5- Let the wound bleed.

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Q17. What is rare gases.

**Ans 1:** Those gases which are formed in trace amount in atmosphere and are characterized by their inertness are called noble gases.

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Q18. What is artificial atmosphere? Where it is used.

**Ans 1:** A mixture of helium and oxygen is used as an artificial atmosphere by diver. It is used instead of nitrogen, as it is less soluble than nitrogen in blood to prevent the bends in high pressure work.

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Q19. Define Genes.

**Ans 1:** The special parts of DNA have coded information and these parts are called genes.

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Q20. Difference between Plasma and Serum

**Ans 1:** The fluid part of blood without blood cells is called plasma. Clotting protein from plasma then the remaining fluid is called serum.

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