

## General Science - 9th Class General Science English Medium Chapter 4 Preparation

Q1. Write role of lipids.

**Ans 1:** 1- Fats provide a large amount of energy to our body as compared to carbohydrates and proteins.

**Ans 2:** 2- They provide the body with fat soluble vitamin.

**Ans 3:** 3- they accumulate below the skin and help to conserve the body heat.

**Ans 4:** 4- It also protects the vital organs of our body such as heart, liver kidney from the mechanical injuries.

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Q2. What is endocrine system.

**Ans 1:** Endocrine system comprises of ductless glands, which secrete secretions known as hormones. these glands also receive the internal and external stimuli through nervous system and secrete hormones.

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Q3. What is Lipids.

**Ans 1:** Lipids are classified as.

**Ans 2:** 1- Fats

**Ans 3:** 2- Oils

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Q4. What are the basic components of food.

**Ans 1:** 1- Carbohydrates

**Ans 2:** 2- Fats and oil

**Ans 3:** 3- Proteins

**Ans 4:** 4- Vitamins

**Ans 5:** 5- Mineral salts

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Q5. Which is the role of insulin

**Ans 1:** Insulin control the sugar level in the body

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Q6. What are fat soluble vitamins.

**Ans 1:** The vitamins that dissolve in fat soluble vitamins e.g. vitamin A, D, E, and K.

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Q7. What is protein.

**Ans 1:** The proteins are the most abundant of all the chemical substances in the cells after water.

**Ans 2:** Example: The muscle, tissues, enzymes, hormones, antigens, antibodies, hair, nails and blood are made up of proteins.

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Q8. Describe the importance of sodium and potassium.

**Ans 1:** Sodium and Potassium play very important role in generating nerve impulses. Sodium and chloride control different functions of body.

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Q9. What is the role of Iron in the body.

**Ans 1:** Iron is a part of hemoglobin which is a transport protein and helps in the transport of oxygen to all the body cells. Deficiency of iron leads to anemia.

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Q10. Define carbohydrate.

**Ans 1:** All the living organisms and almost all the cells have large amount of carbohydrates. Cellulose of wood, cotton and paper, starch present in the muscles of animals, lactose of milk and sucrose of sugarcane are all examples of carbohydrates.

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