

## 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.

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.

Q3. What is Lipids.

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

**Ans 2:** 1- Fats

**Ans 3:** 2- Oils

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

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 the 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 substnaces in the cells after water.

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

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Q8. Describe the impotance of sodium and potassium.

**Ans 1:** Sodium and Potassium play very important role in generating nerve impules. Sodium and chloride control different function 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 mucle of animals, lactose of milk and sucrose of sugarcane are all examples of carbohydrates.

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