

Teeth and Microbes

Long answer type questions

Question: How are teeth important to us?

Ans:- Teeth are important to us because a) clean and well-kept teeth make our smile beautiful, b) they give proper shape to our face, c) they help us to speak clearly, d) they enable us to bite and chew food and e) they help in digestion.

Question: What are the functions of molars and premolars ?

Ans:- Premolars act like nutcrackers. They are meant for crushing food.

Molars have broad upper surfaces to grind food.

Question: What type of foods are good for our teeth (and gums) ?

Ans:- Calcium and vitamin C are important for healthy teeth and gums. Foods like milk, cheese and cottage cheese are rich sources of calcium. Eating salads and fruits gives a lot of exercise to our gums and improves the flow of blood inside them.

Question: Write the tips which help to keep your teeth healthy .

Ans:- Tips for keeping teeth healthy :-

- Brush our teeth every morning and every night before going to bed. Make sure that we move our brush both upwards and downwards.
- Use a dental floss to clean between two teeth.
- Wash our mouth after every meal.
- Do not have too many sweets or colas.
- Visit our dentist regularly for checkups.

Question: What are microbes ? Name two diseases caused by protozoa ?

Ans:- Microbes are very small living things that can be seen only through a microscope e.g. bacteria, viruses, protozoa and fungi .

The two diseases caused by protozoa are malaria and dysentery .

Question: How are some microbes useful for us ?

Ans:- Some microbes such as bacteria are useful for us . Some bacteria

- change milk into curd,
- produce vitamins in our body,
- help in the decaying of dead plants and animals
- help in digestion of roughage in animals.

Extra questions and answers

Question: State the functions of different kinds of teeth .

Ans :- The functions of different kinds of teeth in a permanent set are

- a) Incisors or cutting teeth are used to bite our food,
- b)Canines or tearing teeth are used to tear pieces of food,
- c) Premolars or cracking teeth are used for crushing food and
- d)Molars or grinding teeth are used to grind food .

Question: Name some diseases caused by bacteria .

Ans:- The diseases caused by bacteria are typhoid, tuberculosis, pneumonia etc..

Question: Name some diseases caused by viruses .

Ans:- The diseases caused by viruses are chickenpox , flu , polio , dengue , common cold etc..

Question: What are milk teeth ?

Ans:-A newborn baby has no teeth . At the age of two-and-a-half years old, the baby has twenty teeth. These are called milk teeth or temporary teeth.

Question: What are permanent teeth ?

Ans:- Between the ages of six and twelve , the milk teeth fall out one by one and new ones grow in their place . This new set consists of 32 teeth , 16 in the upper jaw and 16 in the lower jaw . These are called permanent teeth.

State True /False

- a) The outer cover of a tooth is called enamel. (True)
- b) Below enamel lies the pulp. (False)
- c) Inside the dentine is the pulp which is soft and has blood vessels and nerves. (True)
- d) Bacteria are tiny single-celled microorganisms. (True)
- e) A newborn baby has two teeth. (False)
- f) There are four molars in each jaw. (False)
- g) Enamel is the hardest substance in our body . (True)
- h) Dental floss is a silk thread used for cleaning between the teeth. (True)
- i) There are six premolars in each jaw. (False)

*****Question: Draw and label the different parts of a tooth .

(for answer see the text book " LIVING SCIENCE" page no – 18 Fig. 2.3 Structure of a tooth)