

Satish Chandra Memorial School

Class VI

Case study

FM30

Coconut tree Facts

Coconut tree is a plant that belongs to the family Arecaceae. There are over 150 species of coconuts that can be found in 80 different countries throughout the world. Coconut tree grows only in the tropical climate. This plant live on the sandy soil, requires a lot of sunlight and regular rainfalls. Coconut tree does not tolerate low temperatures and low percent of humidity. Cultivated plants are prone to insect attacks which can decrease production of fruit worth of hundreds of million dollars. Coconut is important part of human diet because it contains valuable vitamins and minerals. Other than that, coconuts are used in the production of various wooden items, in the construction industry, in the manufacture of beauty products and as a fuel.

Fruit of a coconut tree is botanically known as drupe. Fruit becomes fully ripe after one year.

Under optimal weather conditions, coconut tree can produce 75 fruits per year, but that happens extremely rare. More often, coconut tree produces 30 fruits each year.

Ripe coconut has 3.2 pounds of weight. White, edible flesh of coconut can be consumed raw or dried. Dry version of coconut flesh is called "copra". Production of one ton of copra requires 6000 coconuts.

Each year, 61 million tons of coconuts are produced and distributed throughout the world.

In certain parts of the world, people use trained monkeys to collect coconuts instead of them.

Coconut is very popular and often consumed fruit. Other than the flesh, coconut water, milk and oil can be used in the preparation of various healthy dishes.

Read the above passage and answer the following questions:

- a. Name the family to which coconut tree belong.1
- b. What type of soil and climate is needed for these plants?2
- c. Write down five names of plants which are good for health.2.5
- d. Which state in India is famous for producing coconut oil?1
- e. Describe how much a coconut tree can produce per year.2
- f. What is copra? How is it used?2.5
- g. In what purpose coconut milk is used?2
- h. Write in 50 words about coconut's importance only from the passage.8
- i. Write about your favourite fruit. How this fruit can be used? 8
- j. In some places people use-----to pluck this fruit.1