

WELCOME TO THE ONLINE CLASS

SESSION NO.: 2

CLASS: 4

SUBJECT: SCIENCE

CHAPTER NUMBER: 2

CHAPTER NAME: TEETH AND MICROBES

SUB TOPIC: THE STRUCTURE OF TOOTH

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to:

- **know the parts of tooth**
- **understand about the layers of tooth**

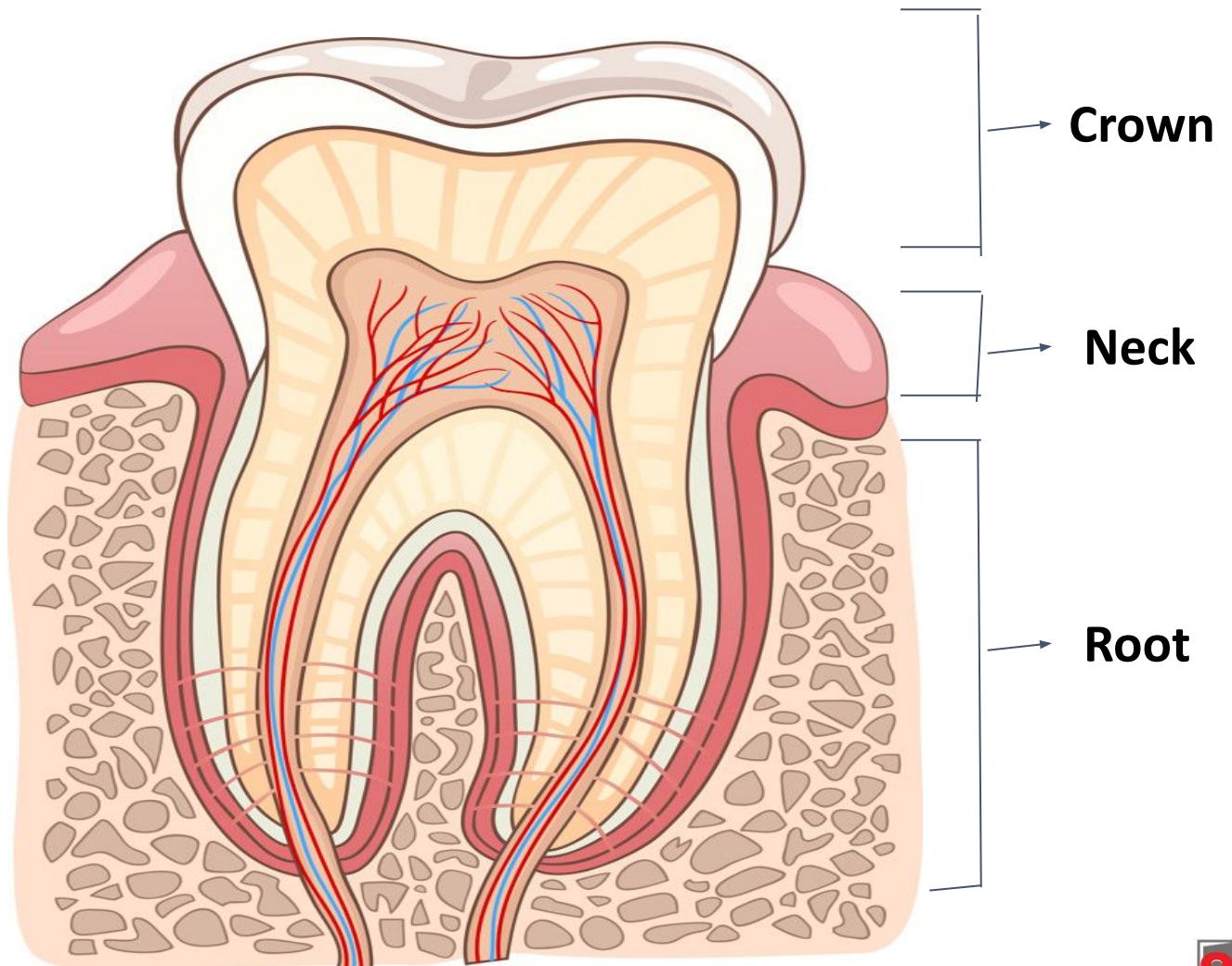
WARM UP

- Humans have _____ sets of teeth.
- Milk teeth will be last upto _____ years.
- Name four kinds of permanent teeth in humans.
- Which type of teeth helps in crushing the food?
- The set consist of _____ teeth.

STRUCTURE OF TOOTH

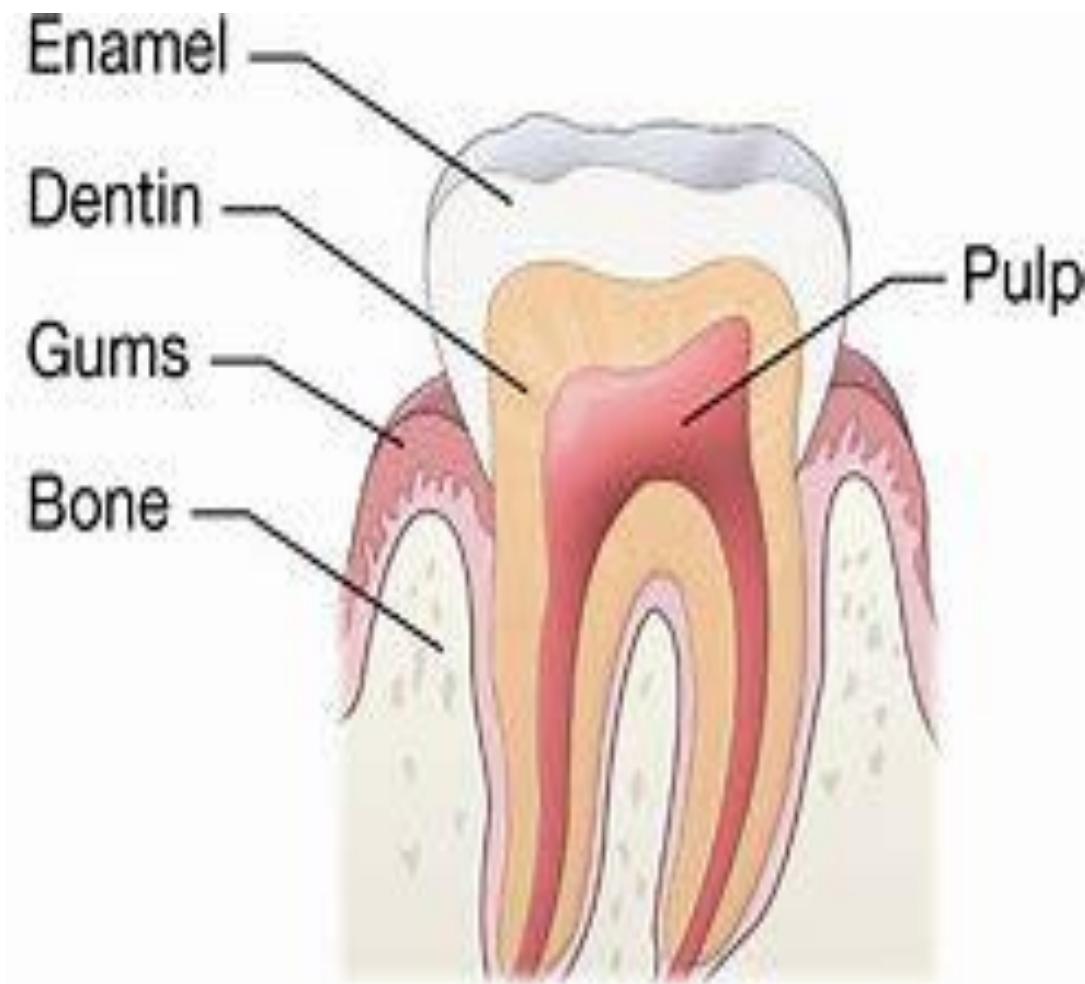
A tooth has three parts

- **Crown:** It is the uppermost part of a tooth.
- **Neck:** It is the part of a tooth between root and crown.
- **Root :** It is the lowest part of a tooth , inside the gum.



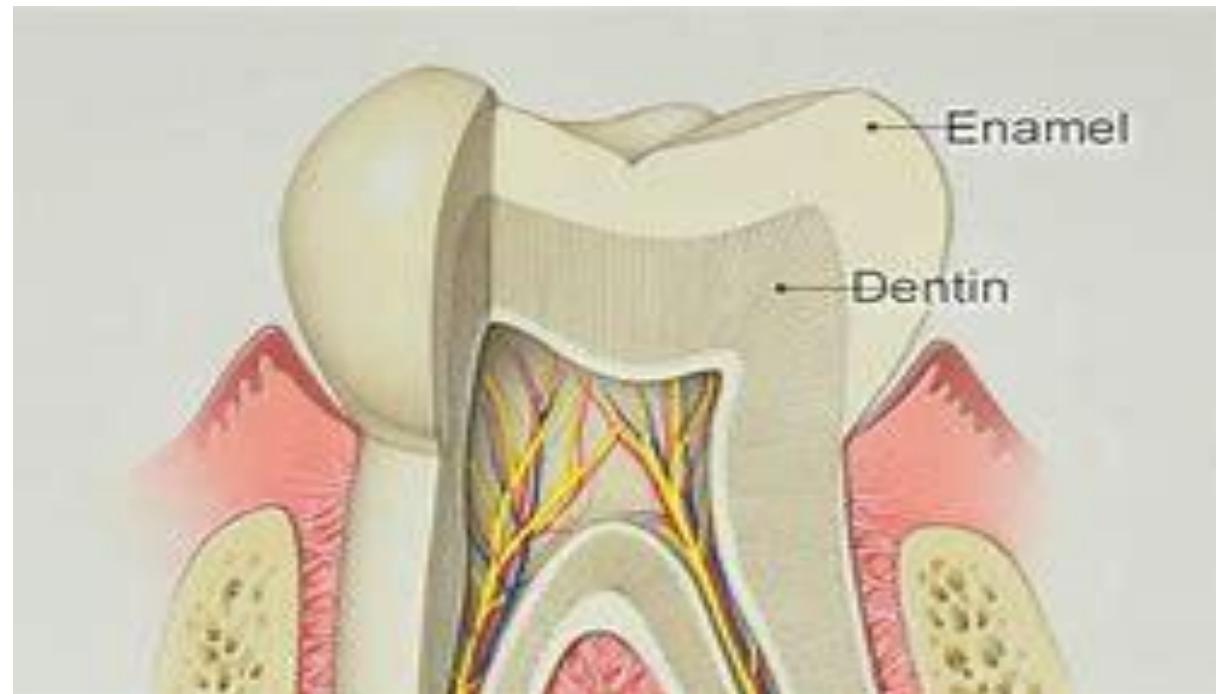
LAYERS OF TOOTH

- ENAMEL
- DENTINE
- PULP



ENAMEL

- It is the outer covering of tooth and the hardest substance in the human body.
- It makes up normally the visible part of the tooth, covering the crown.



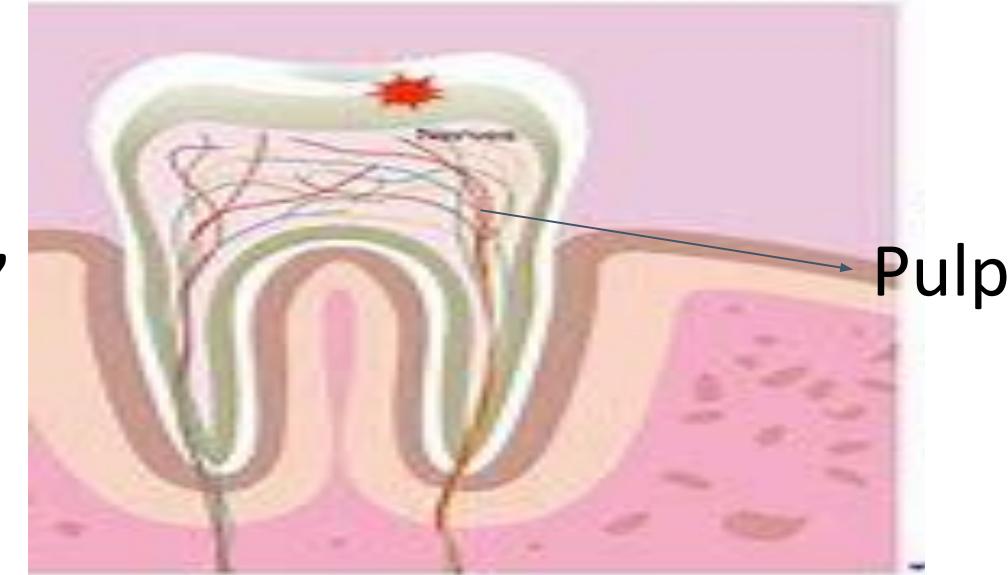
DENTINE

- It is the layer of tooth just below the enamel.
- It is yellow in colour and softer than enamel.



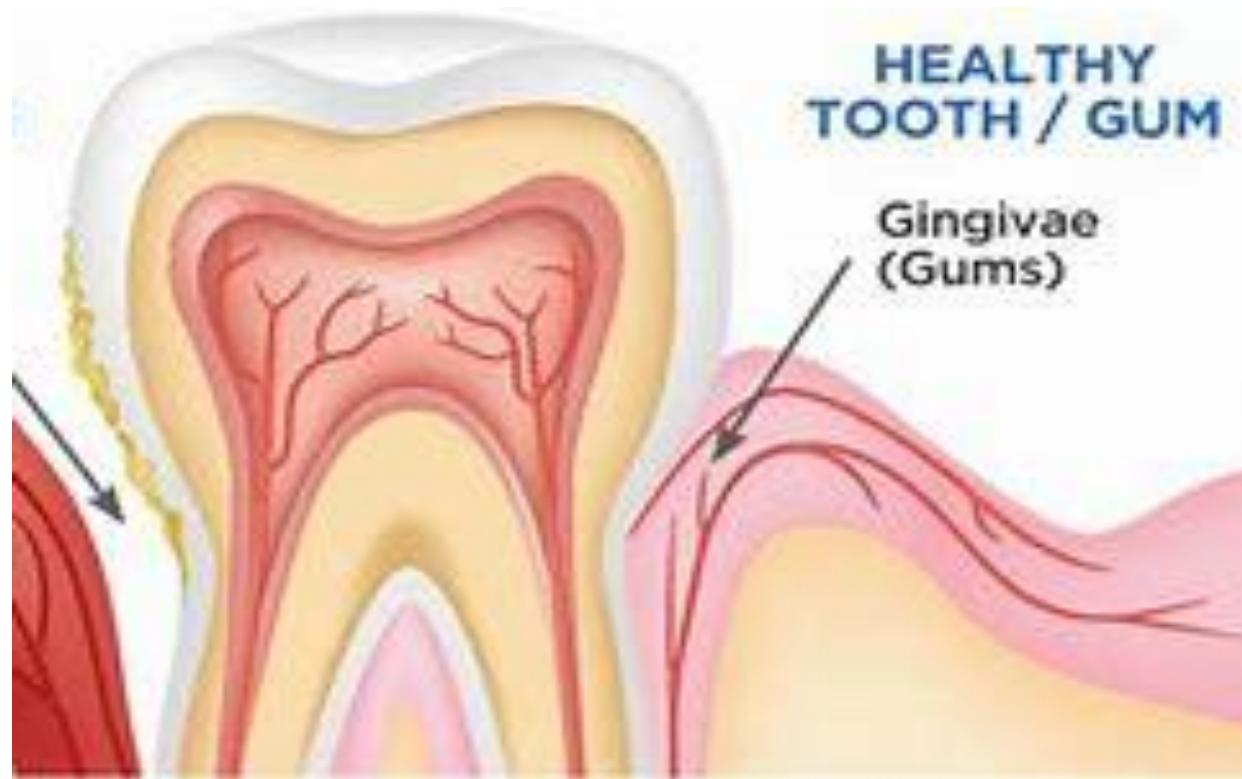
PULP

- Dentine is nourished with pulp, which is the innermost portion of the tooth.
- The pulp consist of tiny blood vessels, and a nerve.
- Blood vessels are responsible for carrying nutrients to tooth.
- Nerves carries signals like pain from tooth to brain.



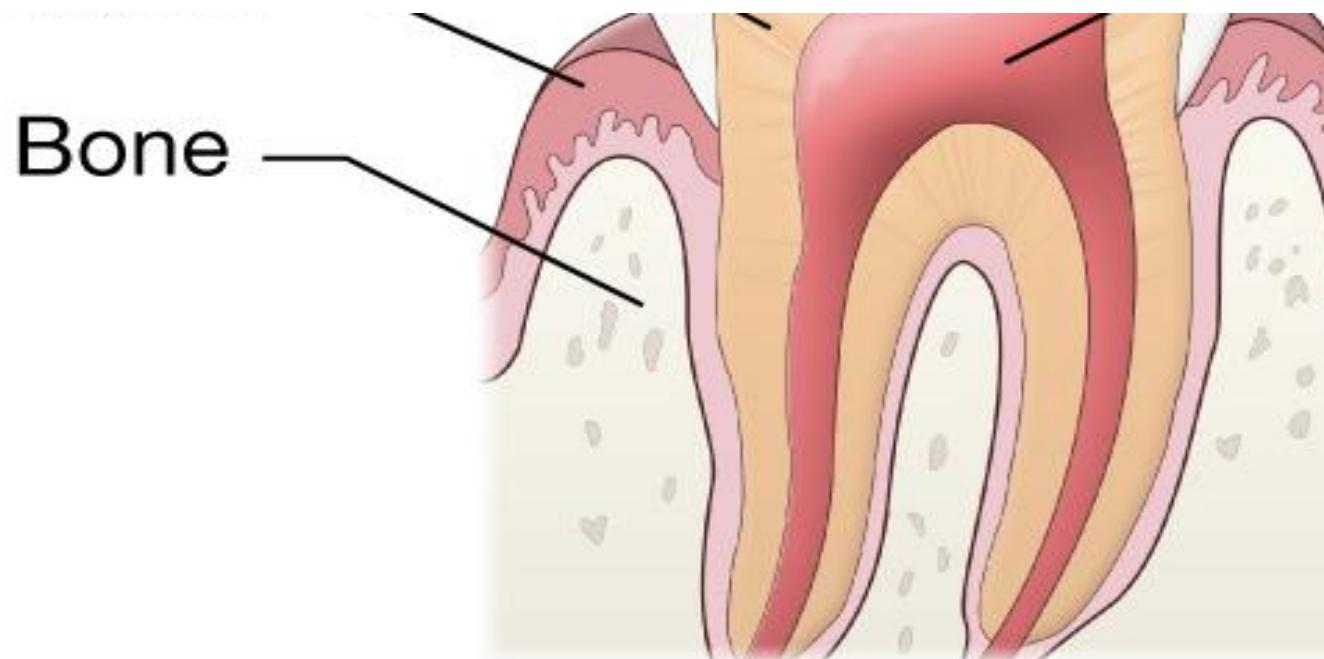
GUMS

- The gums are the soft pink colour portion present in our mouth.
- They surround the teeth and provide the seal around them.



BONE OF TOOTH

- Bone surrounds the root of the tooth and support and holds the tooth in a place.



SUMMARY

- Teeth is divided into three parts : crown , neck and root.
- Teeth has three layers: enamel , dentine and pulp.
- Enamel is the outer covering of tooth and the hardest substance in the human body.
- Dentine is the layer of tooth just below the enamel, yellow in colour and nourish the pulp.
- Pulp is the innermost layer of the teeth covered with dentine,enamel and crown portion of the tooth.



IT'S
QUIZ
TIME

Q1. Which is the topmost layer of tooth?

ANS: Enamel

Q2. Name the hardest substance of human body.

ANS: Enamel

Q3. Below enamel _____ lies which is quite hard.

Ans: Dentine

Q4. Which is the most sensitive layer of the tooth?

Ans: Pulp

Q5. The _____ carry messages from the tooth to the brain.

Ans: Nerves

HOMEWORK

1. Draw the diagram showing two sets of teeth.
2. Write the questions of A & B.

LEARNING OUTCOME

The learner will be able to:

- **know the parts of tooth**
- **understand about the layers of teeth**

**THANKING YOU
ODM EDUCATIONAL GROUP**