

Class-V

Subject: Science

Date: 29.4.24

Chapter-2

The Skeletal System.

Teacher: Nimrita

Good Morning students!

This lesson is of class V for the subject of Science, Chapter-2, The Skeletal System of your textbook, New Trends in Science, Evergreen Publications. It is being submitted to you on 29.4.24.

In the last lecture, we studied about skeletal system. Today, we will study about girdles and joints.

→ Girdles:-

A bony ring like structure present in our body is called a girdle.

Girdle

Shoulder girdle

- It is made up of the collar bone and shoulder blade

Hip girdle

- It is made up of three bones fused to form a single bone

→ Joints:- A region where two bones meet.

Types → Movable joint
→ Immovable joint

Types of movable joints:-

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1) Ball and Socket joint:-

The ball-shaped end of one bone fits into the cup-shaped socket of other bone. *eg: Hip joint.*

2) Hinge joint:- This joint allows only back and forth movement. *eg: Elbows.*

3) Pivot joint:- The rounded end of a single bone fits into the rings of a tendon. It is found in base of neck.

4) Gliding joint:- The bones glide against each other. This is the least movable joint. *eg: Vertebral column.*

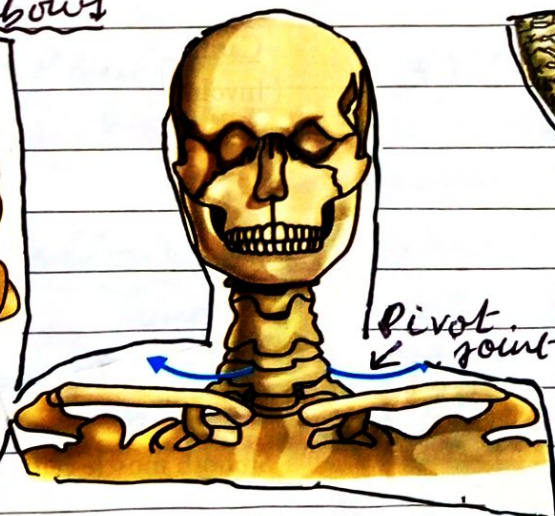


(i) Shoulder joint

(ii) Elbows



Hinge joint



(iii) Vertebral column and base of neck



(iv) Gliding joint

I am ending today's topic.