

## Biology - 10th Class Biology English Medium Chapter 13 Preparation

Q1. Name longest bone in our body.

**Ans 1:** Thigh bone.

Q2. What are the types of skeleton ?

**Ans 1:** 1: Exoskeleton : The skeleton which is present outside the body is called exoskeleton  
e.g : arthropods (Invertebrates )

**Ans 2:** 2: Endoskeleton : The skeleton which is present inside the body is called endoskeleton  
e.g : Vertebrates (HUMans)

Q3. What are ligaments ? What is their role ?

**Ans 1:** Ligaments are strong but flexible bands . They join one bone with another and prevents dislocation of bones at joints

Q4. Differentiate between upper jaw and lower jaw.

**Ans 1:** Upper jaw: Upper jaw is fixed with skull and is composed of two bones.

**Ans 2:** Lower jaw: Lower jaw is mobile and is made up one bone in mammals.

Q5. What is cartilage ?

**Ans 1:** It is a dense , clear blue-white firm connective tissues . The cells of cartilage are called chondrocytes . The matrix of cartilage contains collagen fibers . Blood vessels do not enter the cartilage

Q6. Define a joint? What is their role?

**Ans 1:** A joint is the location at which two or more bones make contact. Role: Joints allow movements and provide mechanical support.

Q7. What are tendons ? What is their role ?

**Ans 1:** Tendons are tough non elastic bands of connective tissues these attach muscles to bones

Q8. Define extensor and extension

**Ans 1:** When a muscle contracts and straightens the joints ,it is known as extensor and the movements is called extension

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Q9. What is flexor and flexion.

**Ans 1:** When a muscle contracts and blends the joint. It is known as flexor and the movement is called flexion.

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Q10. Name of the three types of cartilage .

**Ans 1:** 1: Hyaline cartilage  
2: Elastic cartilage  
3:Fibrous cartilage

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