

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

Q1. Who is Andreas Vesalius ? What is its contribution ?

**Ans 1:** Andreas vesalius (1514-1564) was born in Brussels , Belgium , He made many discoveries in anatomy

Q2. Differentiate between origin and insertion

**Ans 1:** Origin : The end of muscle attached to immovable bone is called origin

**Ans 2:** Insertion : The end of muscle attached to moveable bone is called insertion

Q3. Where is found fibrous cartilage ?

**Ans 1:** It is found in intervertebral discs

Q4. What are moveable joints? name their types.

**Ans 1:** 1. Hinge joints 2. Ball and socket joints.

Q5. What are hinge joints? Give example.

**Ans 1:** Hinge joint move back and forth and allow movements in one plane ony e.g. knee joint, elbow joint.

Q6. Define a joint ? What are their roles ?

**Ans 1:** A joint is the location at which two or more bones make contact

Role :

Joints allow no movement and provide mechanical support

Q7. Which point of attachment is pulled when a muscle contracts?

**Ans 1:** Insertion.

Q8. Name the chest bones.

**Ans 1:** Sternum.

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Q9. What are the types of skeletons?

**Ans 1:** i) Exoskeleton: The skeleton which is present outside the body is called exoskeleton e.g. arthropods . ii) Endoskeleton: The skeleton which is present inside the body is called endoskeleton e.g. vertebrates.

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Q10. 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.

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