

WORKSHEET 1

CHAPTER 12 – MOVEMENT AND LOCOMOTION

A. Name the following.

1. The cup-like cavity present in the pelvic girdle.
2. The longest bone in the human body.
3. The sites that do not attach to the sternum anteriorly.
4. The joint present in the elbow.
5. The first vertebra of the vertebral column.

B. Choose the correct option.

1. Total number of bones present in skull are
a. 14. b. 8. c. 22. d. 18.
2. The joint present in the cranium is
a. hinge. b. ball and socket. c. gliding. d. immovable.
3. Collar bone is also known as
a. clavicle. b. patella. c. sternum. d. scapula.
4. Which of the following is a part of axial skeleton?
a. Pelvic girdle b. Sternum c. Clavicle d. Pectoral girdle
5. Humerus is the bone of
a. leg. b. hand. c. skull. d. shoulder.

C. Fill in the blanks.

1. Girdle is a part of _____ skeleton.
2. _____ muscles cause bending of a joint.
3. Knee cap is known as _____
4. The number of phalanges in each limb of human is _____
5. _____ joint is present at shoulder and hip joint.

D. State whether the following statements are True or False.

1. Radius is the bone of the leg.
2. There are seven vertebrae in the neck.
3. Hinge joint provides movement in all direction.
4. Biceps and triceps are antagonistic muscles.
5. Acetabulum is present in the pectoral girdle.

Name:

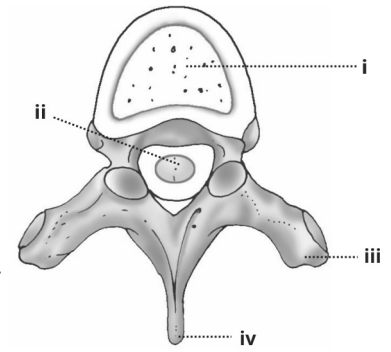
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E. Study the given figure and answer the following questions.

1. Name the structure.
2. Label parts **i** to **iv**.
3. Is this structure a part of axial skeleton or appendicular skeleton?
4. State the function of part **ii**.
5. Name all the types of the given structure and state the number and function.



ANSWERS

WORKSHEET 1

A. Name the following.

1. Acetabulum
2. Femur
3. Floating ribs (11th and 12th rib)
4. Hinge joint
5. Atlas

B. Choose the correct option.

1. c. 2. d. 3. a. 4. b. 5. b.

C. Fill in the blanks.

1. appendicular
2. Flexor
3. patella
4. 14
5. Ball and socket joint

D. State whether the following statements are True or False.

1. False 2. True 3. False 4. True 5. False

E. Study the given figure and answer the following questions.

1. Vertebra
2. i. Centrum ii. Neural canal iii. Transverse process iv. Neural spine
3. Axial skeleton
4. The spinal cord runs through the neural canal.
5. There are five types of vertebrae

Type	Number	Function
a. Cervical vertebrae	7	Allow movement of head and bending of neck
b. Thoracic vertebrae	12	Support ribcage and allow bending and rotation of trunk
c. Lumbar vertebrae	5	Bending and rotation of trunk
d. Sacral vertebrae	5	Transmits weight of body to hip and legs
e. Caudal vertebrae	4	No function in human (vestigial)