

The Skeletal System

A. Choose the Correct Answer:

1. What is the main function of the skeletal system?
 - A) Producing blood cells
 - B) Protecting internal organs
 - C) Providing support and shape to the body
 - D) All of the above
2. How many bones are there in an adult human body?
 - A) 106
 - B) 206
 - C) 306
 - D) 406
3. Which part of the skeletal system protects the brain?
 - A) Spine
 - B) Ribcage
 - C) Skull
 - D) Pelvis

B. Fill in the Blanks:

1. The _____ gives shape and support to the body.
2. The _____ protects the heart and lungs.
3. The human body has _____ bones.

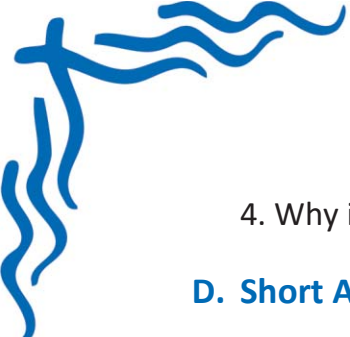
C. Case Study:

Rohan was playing football when he fell and hurt his arm.

- The doctor took an X-ray to check for broken bones.
- The doctor explained that the skeletal system protects internal organs and helps the body move.
- He also mentioned that bones produce blood cells inside the bone marrow.
- Rohan learned that strong bones are important for a healthy body.

Case Study Questions:

1. Why did the doctor take an X-ray of Rohan's arm?
2. What is the role of the skeletal system in protecting internal organs?
3. Where are blood cells produced in the bones?

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4. Why is it important to keep bones strong and healthy?

D. Short Answer Questions:

1. What are the main functions of the skeletal system?
2. How does the ribcage protect the internal organs?
3. What is the function of bone marrow?

E. Long Answer Questions:

1. Explain the structure and functions of the skeletal system in detail.
 2. How does the skeletal system help in movement? Explain with examples.
 3. Why is the skeletal system important for overall health?
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