

Name: _____						
Subject: Biology		Class: 10 th	Time: 80 minutes	Total Marks:	40	
Chapter No.4		MJDEXPERT.COM			Obtained marks	

Note: Please attempt any 10 short questions from Question 2. Also, attempt both parts (a and b) of Question 3. Cutting and removal of any content is strictly prohibited.

Objective-Section

Q. 1 Encircle the correct answer. (10x1=10)

1. Which one of the following has an exoskeleton?
A) Arthropods B) Birds C) Mammals D) Reptiles
2. Vertebral Column protects:
A) Heart B) Spinal cord C) Brain D) Lungs
3. The cells of Cartilage are called:
A) Chondrocytes B) Osteocytes C) Collagen D) Ligaments
4. Cartilage found in intervertebral discs:
A) Hyaline B) Fibrous C) Matrix D) Elastic
5. Bone forms:
A) Mucous B) Hormones C) Oxygen D) Blood cells
6. Bones in the skull are:
A) 22 B) 23 C) 24 D) 25
7. All these are parts of the axial skeleton of humans except:
A) Ribs B) Sternum C) Shoulder girdle D) Vertebral column
8. Number of bones in both feet is:
A) 108 B) 126 C) 22 D) 54
9. Example of ball-and-socket joints is:
A) Elbow joint B) Shoulder joint C) Joint of ankle D) Joint of finger
10. Osteoporosis is a disease of:
A) Bones B) Heart C) Stomach D) Brain

Subjective-Section

Q.2 Write short answers of any ten of the following questions: (10x2=20)

- i. Define Locomotion.
- ii. What is the difference between Exoskeleton and Endoskeleton?
- iii. What is the role of the skeleton in support and movement?
- iv. Define Cartilage and also write its two types.
- v. Differentiate between Elastic Cartilage and Fibrous Cartilage.
- vi. Describe the structure of bone.
- vii. What is the Axial skeleton?
- viii. Define joint and give its types.
- ix. What is the difference between ball-and-socket joint and hinge joint?
- x. Describe the function of tendons and ligaments.
- xi. Give three reasons for Osteoporosis.
- xii. What is the difference between Osteoarthritis and Rheumatoid arthritis?

Q.No.3 Long Question:

(5+5=10)

- a) Describe the joints with examples.
- b) Write a note on the role of biceps and triceps muscles.