



Science
Chapter – 7 Skeletal System and Nervous System

Name: _____

Date: _____ Class: Sec: ____

I) Choose the correct answer from the options given.

1. The muscles you use to lift a book are called _____
a) cardiac muscles b) smooth muscles c) involuntary muscles d) skeletal muscles
2. The three basic parts of the nervous system are ____
a) Bone marrow, veins, joints b) brain, spinal cord, nerves c) cartilage, ligament, tendon
3. There are ----- bones in our body.
a) 204 b) 206 c) 205 d) 207
4. Bones are filled with jelly-like substance known as -----
a) Bone marrow b) Plasma c) Blood
5. A long bone present at the centre of the chest is known as -----
a) Backbone b) thigh bone c) sternum
6. Which of the following types of joints allows movement in back and forth direction only?
a) Pivot joint b) Gliding joint c) Hinge joint
7. Which of the following is responsible for the transfer of information between the brain and rest of the body?
a) The heart b) The spinal cord c) The backbone
8. Rita unknowingly touched the hot vessel and immediately withdrew her hand from the vessel. It is due to:
a) Reflex action b) Intelligence c) Voluntary action
9. Which of the following helps us in eating and talking?
a) Upper jaw b) Lower jaw c) None of these
10. Blood cells are produced in -----
a) Bone marrow b) Backbone c) brain



IV) Give reasons.

24. You can move your lower jaw but not the upper jaw.

25. Farzin told her teacher that her grandmother is not able to bend or stand straight and she is advised to take bed rest. What might be the reason for this?

V) Match the following.

A	B
26. Ball and socket joint	(a) Digestive system
27. Skeletal Muscles	(b) Holds the bones together
28. Cardiac Muscles	(c) Muscles in the arm
29. Smooth Muscles	(d) Heart
30. Cartilage	(e) Shoulder joint

VI) Read and answer the following questions

31. Sameer was playing with his friends. Suddenly he fell down and broke his rib cage. He was in extreme pain and the doctor advised him complete rest. The doctor had shown him the X-ray image of his ribcage and told him that ribcage is an important part of the skeletal system and is made up of 12 pairs of thin curved bones.

a) Name the major delicate organs of Sameer’s body that are now in danger.

b) How many total bones are present in the ribcage?

VII) Give an example of the following.

32. Ball and socket joint: ----- 33.

Pivot joint: ----- 34.

Hinge joint: ----- 35.

Gliding joint: ----- VIII)

Label the diagram using the words given below.

(Skull, Sternum, Rib cage, Backbone, Thigh bone, Hinge joint, Gliding joint, Ball and socket joint)



