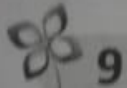


3. There are different types of joints-ball and socket joint, hinge joint, pivot joint, gliding joint, immovable joint.
4. Muscles help in the movement of bones. Our body has different types of 650 muscles, this system is called muscular system.
5. Voluntary muscles are those muscles which work under our control and involuntary muscles are those muscles which work automatically like muscles of heart.

#### Hot Question

A new born baby has small bones which are joined to form big bones so a new born baby has 305 bones while an adult person has only 206 bones.



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CLASS-5  
EVS

### More About Organ Systems

- A.
  1. Brain controls all the activities of the body so it called engine of the body.
  2. Breathing is a physical process and respiration is a chemical process.
- B. 1. (c); 2. (b); 3. (c); 4. (a); 5. (b)
- C. 1. False; 2. False; 3. False; 4. True; 5. False
- D. 1. brain, spinal cord, nerves; 2. spinal cord; 3. Ventricle; 4. Small; 5. 200 litre
- E.
  1. Heart, blood vessels and blood are the main parts of circulatory system.
  2. The heart is divided into four chambers. Two upper chambers are called atrium and two lower chambers are called ventricle.
  3. The blood consists Red Blood Cells (RBC's), White Blood Cells (WBC's), haemoglobin, platlets, etc.
  4. The process by which the gases enter and leave the blood stream and lung cells is called diffusion.
  5. In the stomach, more digestive juices are released to breakdown the food.
- F.
  1. Nervous system controls and directs the functions of all the systems of our body. Brain, spinal cord and nerves are the main parts of the nervous system.
  2. The lips, tongue and fingertips are the most sensitive parts because there are more receptors located here.
  3. Respiration is breathing air in (inhaling) and out (exhaling).
  4. The small intestine is a long coiled tube. The liver and the pancreas release more digestive juices and reach into the small intestine. The action of all these juices break down the food into its simplest form. The walls of the intestine have blood vessels that absorb the digested food.
  5. The excretory system works to clean our blood and eliminate the waste products of our cells. A pair of kidneys, ureter, bladder and urethra are the main organs of this system.

#### Hot Question

If our kidneys stop to work then wastes of our body can not be removed and toxic elements deposit in our body. This causes illness.