

Q-5) State whether the following statements are True or False.

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| 1. Backbone consist 33 small ring shaped bones. | () |
| 2. All joints in the body allow movement | () |
| 3. Hinge joint allows movement in all directions. | () |
| 4. Human skeleton consists of five parts. | () |
| 5. Muscles are of four types. | () |
| 6. Vertebral column protects the brain. | () |

Q-6) Think and write:

1. We can move our arms in circular motion but not our knees?

2. A rib injury has the potential to be fatal.

3. What would happen if our backbone was a single long bone instead of series of small bones?

Q-7) Give one word for the following.

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|---|-------|
| 1. Each small bone of the back bone. | _____ |
| 2. Soft fatty substance found in the hollow bones. | _____ |
| 3. The part of body where immovable joints are found. | _____ |
| 4. The last two pairs of ribs that are not joined to sternum. | _____ |
| 5. The sockets that protect eyes. | _____ |
| 6. The system that protects the internal organs of body. | _____ |

Q-8) Read the following statement statements and choose the correct option

A) Statement 1- Hinge joint is found between the skull and the first two vertebrae of spine.

Statement 2- Ball and socket joints are found in the shoulder and hip joint.

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| a) Both statements 1 and 2 are incorrect | b) Statement 1 is correct but statement 2 is incorrect |
| c) Statement 2 is correct but statement 1 is incorrect | d) Both statements 1 and 2 are correct |

B) Statement 1- Cardiac muscles are only muscles that are not attached to any bone.

Statement 2- Cardiac muscles starts working seven months before birth.

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| a) Both statements 1 and 2 are incorrect | b) Statement 1 is correct but statement 2 is incorrect |
| c) Statement 2 is correct but statement 1 is incorrect | d) Both statements 1 and 2 are correct |

Q-9) Identify and label the type of joint in given diagram.

