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Difference Between Axial and Appendicular Skeleton

1. Both the regions of the human skeleton are of prime importance for the proper functioning of the body. The main difference between Axial and Appendicular skeleton is, axial skeleton forms the central axis of the body while the appendicular skeleton forms the limbs and appendages.
2. The Axial Skeleton is required for good posture, balance, and stability of the body whereas the appendicular skeleton mainly helps in the movement of the body. Further digital manipulation of feeding and reproduction also happens with the help of the appendicular skeleton.
3. There is a total of 80 bones in the axial skeleton whereas the appendicular skeleton consists of 126 bones.
4. The Axial bones are fused whereas Appendicular bones are strong and never fused.
5. The axial bones are Skull, Rib Cage, Vertebral Column, Ossicle of the outer ear, hyoid bone and sternum whereas the appendicular bones are pectoral and pelvic girdle along with forearms, hands, feet, ankle.



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