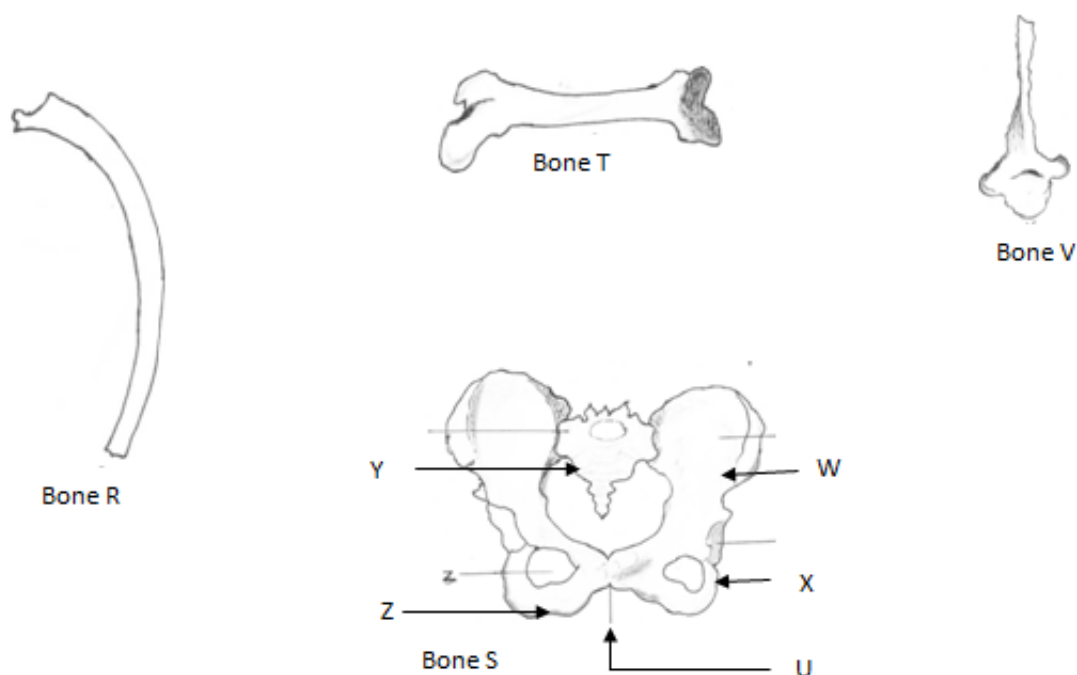


2. The photographs labeled R, S, T and V are of bones obtained from a mammal. Examine them.



a). Identify the bones and name the part of the mammalian body from which each bone was obtained.

Bone	Identify	Where found
R		
S		
T		
V		

b).i). Name the joint formed between bones S and T at point marked X. (1mrk)

ii) Give the characteristics of the joint named in (b) (i) above. (1mrk)

c). i).Name the bone structure labeled Y. (1mrk)

ii). State one function of the bone structure named in C (i) above. (1mrk)

d).i). Using observable features give two adaptations of the bone labeled R. (2mrks)

ii). On the bone in photograph V, draw a diagram of bone R to show the articulation between the two bones. (2mrks)

e). Name the part labeled Z in the photograph 5 and state its function. (2mrks)
Part Z _____

Function _____

f). Name the joint formed by bone T with adjacent bones at its distal end. (1mrk)

3. a). You are provided with a sample of food labeled P in solution form. Using the reagents provided, carry out tests on the food sample to identify the type of food substances present. (6mrks)

Food substance	Procedure	Observation	Conclusion

b). Suggest the regions of the human digestive system where the foods tested are digested. (2mrks)

c).State enzyme involved in the digestion of the foods tested. (2mrks)

d). Name the deficiency diseases of each of the food tested. (2mrks)
