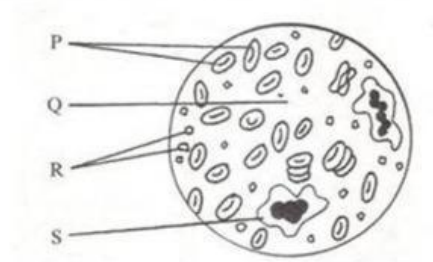


The diagram represents a drop of human blood seen through a microscope



a) Name the parts of the diagram labeled P,Q,R, and S : (4)

I. P _____

II. Q _____

III. R _____

IV. S _____

b) Give the letter from the diagram that correctly identifies each of the following. (3)

i. The part contains hemoglobin _____

ii. This part helps to form blood clots _____

iii. This is the non-living part of the blood _____

c) What is the function of the part labeled S? (1)

d) What are two function of blood? (2)

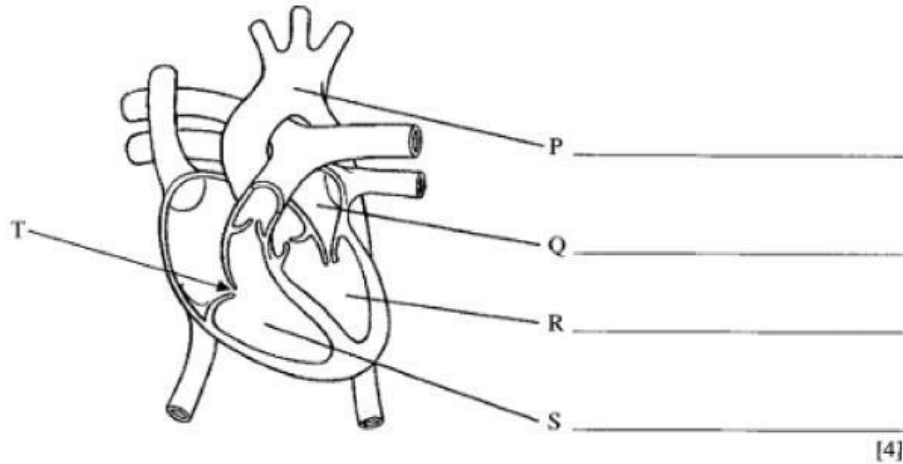
I. _____

II. _____

Total Marks: 10

This diagram represents the human heart, seen from the front and cut in half.

- (a) Write the names of the parts of the diagram labelled P, Q, R and S.



- (b) What is the function of the part labelled T on the diagram? _____

[1]

- (c) Describe one way that the blood in R is different from the blood in S. _____

[1]

- (d) The heart pumps both oxygenated and deoxygenated blood.

(i) Where does the blood become oxygenated? _____

(ii) Where does the blood become deoxygenated? _____

[2]

- (e) (i) What kind of blood vessels carry blood away from the heart? _____

(ii) What kind of blood vessels carry blood to the heart? _____

[2]

Total Marks [10]