

BIOLOGY WEEKLY TASK S 6 TRANSPORT 05/05/2020

1.a) State three ways in which carbon dioxide is transported in blood. (01^{1/2}marks)

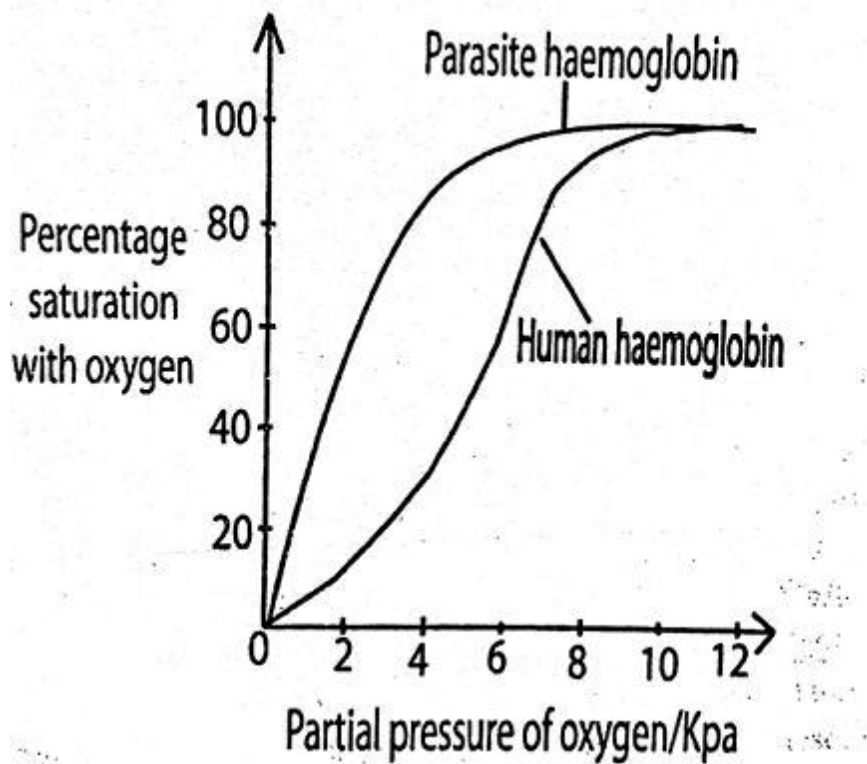
.....

.....

.....

.....

b) The graph below shows oxygen dissociation curves of human haemoglobin and for the haemoglobin of a parasite *Platyhelminthes* in the human small intestines



i) What is the advantage to the parasite of having haemoglobin with an oxygen dissociation curve like that shown on the graph? (02^{1/2}marks)

.....

.....

.....
.....
.....
.....

ii) Explain what happens when the human haemoglobin reaches the cells of the wall of the small intestines. **(02marks)**

.....
.....
.....
.....
.....

c)i)Using the human dissociation curve as a standard, state to which side the birds's dissociation curve would be. **(01mark)**

.....
.....

ii) Explain your answer in C (i) above. **(03marks)**

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

.....**END**.....