Biology revision test ch.6 2 mid-term exam marks: 110 1.



Biology revision test ch. 6 2 mid-term exam Marks: /110 1. The following diagram shows two similar models simulating a region of the mammalian alimentary canal. The water in the test tubes surrounding the dialysis tubings was tested with standard food test reagents at the beginning of the experiment and again after one hour. The results showed that neither starch nor reducing sugar was present in the water surrounding tubes A and B at the beginning of the experiment. (7 marks) water bath at 37°C starch + water starch + amylase + water dialysis tubing test tubes A B water bath at 37°C starch + water starch + amylase + water dialysis tubing test tubes A B (a) What results would be expected after one hour when water surrounding the dialysis tubing was tested for starch and reducing sugar? (2 marks) ------ (b) Name a suitable chemical for testing reducing sugar. (1 mark) ----- (c) What structure in the human body does the liquid surrounding the dialysis tubing represent? (1 mark) ----- (d) If the experiment were repeated, with the two test tubes placed in a refrigerator instead of a water bath, how would you expect the results to differ? Explain your answer. (3 marks) ______ ------ 2. The figure below shows a human teeth set in the lower jaw. (9 marks) P Q R S T P Q R S T (a) What type of tooth is P? How many roots does it have? (2 marks) ----- (b) Is this teeth set normally found in a 4-year-old boy or a 40-year-old man? What is the evidence which supports your hypothesis? (2 marks) ------ (c) https://assignbuster.com/biology-revision-test-ch6-2-mid-term-exam-marks-

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The diagram below shows a liver and the associated blood vessels. (11 marks) (a) What is structure L? Structure L stores a fluid which is important https://assignbuster.com/biology-revision-test-ch6-2-mid-term-exam-marks-110-1/

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What is the function of structure A	A? (1 mark)	
	(d) (i) What is the function of	structure B?
(1 mark)	(ii) State the transp	ort system
to which structure B belongs. (1 m	nark)	
(e) Use a flowchart to list the struc	ctures (in correct order) by whi	ch food
absorbed by A is transported to th	ne kidney. (5 marks)	
longitudinal muscles, respectively	v. What is their function? (1 ma	rk)