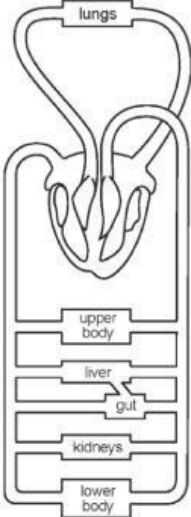
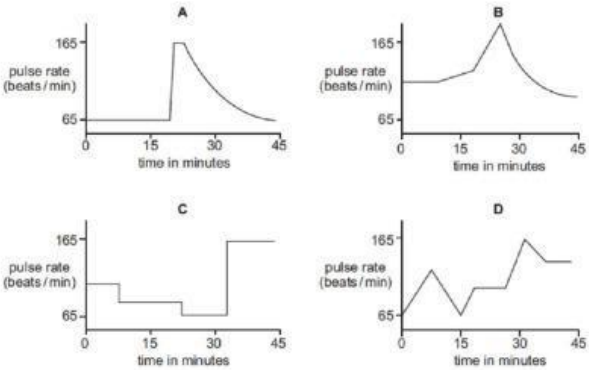
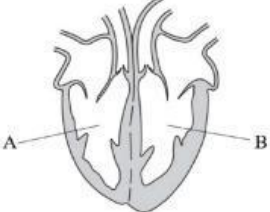
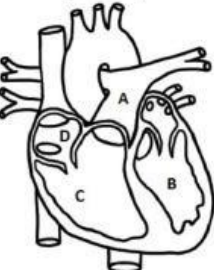





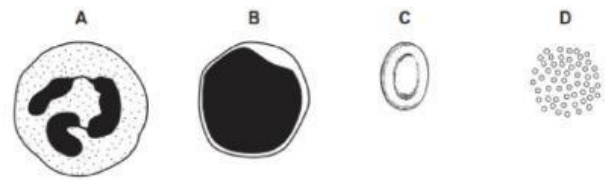
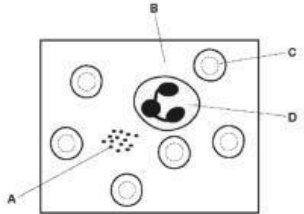
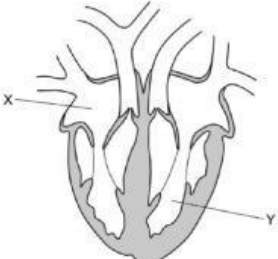
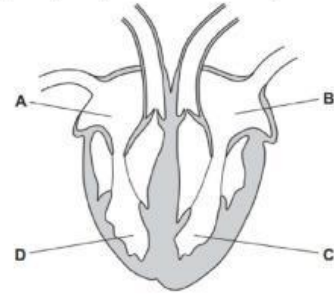

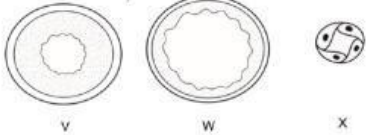
# EASE Past Questions of Transport in Animals

Full Name : \_\_\_\_\_

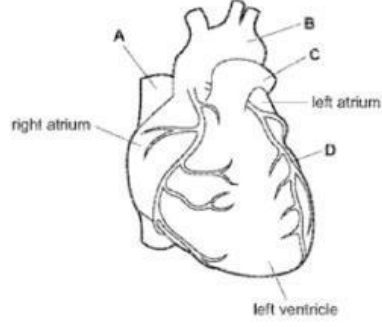
Date : \_\_\_\_\_

<p>1 [EASE 3 - 2018/2019] The diagram below shows the blood circulatory system of a human.</p>  <p>How many times does the blood pass through the heart on its way from the kidneys to the aorta?</p> <p>A. One B. Two C. Four D. More than four</p>	<p>2 [EASE 3 - 2018/2019] The graph shows changes in a person's pulse rate over a period of 45 minutes. The sequence of events involves:</p> <ul style="list-style-type: none"> <li>• 1st : waiting in a queue ( 10 minutes)</li> <li>• 2nd: entering a sports stadium ( 10 minutes)</li> <li>• 3rd: seeing a goal scored (15 minutes)</li> <li>• 4th : relaxing during half time (10 minutes)</li> </ul>  <p>Which graph shows this sequence of events?</p> <p>A. A B. B C. C D. D</p>
<p>3 [EASE 3 - 2019/2020] The diagram shows the human heart and some of the blood vessels connected to it.</p>  <p>Before blood in A reaches B, which process occurs to it?</p> <p>A. Giving up the heat to the skin. B. Giving up nutrients to body tissues. C. Passing through body capillaries. D. Gaining oxygen via gas exchange process.</p>	<p>4 [EASE 3 - 2018/2019] The diagram represents a part of human circulatory system</p>  <p>Which labelled part is the right ventricle?</p> <p>A. A B. B C. C D. D</p>
<p>5 [EASE 3 - 2018/2019] Which of the following condition may increase the risk of coronary heart disease?</p> <p>A. Diabetes B. Hypertension C. Constipation D. High blood cholesterol</p>	<p>6 [EASE 3 - 2018/2019] The _____ brings deoxygenated blood from the body tissues into the right atrium. The blood passes from each atrium to its corresponding ventricle, and the ventricle pumps it out into the _____.</p> <p>A. aorta - vena cava B. arteries - vena cava C. vena cava - arteries D. pulmonary vein - arteries</p>
<p>7 [EASE 3 - 2018/2019] What type of blood vessel is shown in figure number 2?</p>	<p>8 [EASE 3 - 2018/2019] The diagrams show some components of the blood of a mammal.</p>



 <p>1      2      3</p> <p>A. Vein B. Artery C. Capillary D. Aorta</p>	 <p>A      B      C      D</p> <p>Which component causes the blood to start clotting?</p> <p>A. A B. B C. C D. D</p>															
<p>9 [EASE 3 - 2019/2020] When blood is flowing through a vena cava, which main blood vessel will it flow through next?</p> <p>A. Aorta B. Renal artery C. Pulmonary artery D. Pulmonary vein</p>	<p>10 [EASE 3 - 2019/2020] Which blood vessel contains valves?</p> <p>A. Pulmonary artery B. Capillary C. Renal artery D. Renal vein</p>															
<p>11 [EASE 3 - 2019/2020] Which describes the structure and function of a red blood cell?</p> <table border="1" data-bbox="183 862 790 1041"> <thead> <tr> <th></th> <th>structure</th> <th>function</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>cell contents are dead</td> <td>transport of water</td> </tr> <tr> <td>B</td> <td>has a nucleus</td> <td>produces antibodies</td> </tr> <tr> <td>C</td> <td>has cilia</td> <td>moves particles in the respiratory tract</td> </tr> <tr> <td>D</td> <td>has no nucleus</td> <td>transport of substances</td> </tr> </tbody> </table>		structure	function	A	cell contents are dead	transport of water	B	has a nucleus	produces antibodies	C	has cilia	moves particles in the respiratory tract	D	has no nucleus	transport of substances	<p>12 [EASE 3 - 2019/2020] The diagram shows human blood as seen through a light microscope. A person's blood is unable to clot. Which component of the blood is NOT functioning properly?</p>  <p>A      B      C      D</p>
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A	cell contents are dead	transport of water														
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<p>13 [EASE 3 - 2019/2020] The diagram shows a vertical section through a human heart.</p>  <p>X      Y</p> <p>What are X and Y?</p> <p>A. X = right atrium; Y = right ventricle B. X = left ventricle; Y = right ventricle C. X = right atrium; Y = left ventricle D. X = left ventricle; Y = left atrium</p>	<p>14 [EASE 3 - 2019/2020] The diagram shows a section through the heart. Which part pumps blood to the pulmonary arteries?</p>  <p>A      B      C      D</p>															
<p>15 [EASE 3 - 2019/2020] The diagram shows human blood cells, as seen under a microscope. What is the function of cell X?</p>  <p>X</p> <p>A. To carry glucose B. To carry oxygen C. To defend against disease D. To make the blood clot</p>	<p>16 [EASE 3 - 2019/2020] The diagram shows cross-sections through three types of blood vessel, not drawn to the same scale.</p>  <p>V      W      X</p> <p>Which section is from a <u>vein</u> and which is from a <u>capillary</u>?</p> <p>A. V = vein; W = capillary B. X = vein; V = capillary C. W = vein; X = capillary D. X = vein; W = capillary</p>															
<p>17 [EASE 3 - 2019/2020]</p>	<p>18 [EASE 3 - 2019/2020]</p>															



<p><b>Which of the following statements is correct about the muscular wall of the heart?</b></p> <p>A. The wall of ventricles is thicker than atria because ventricles receive blood from the whole body.</p> <p>B. The wall of the left atrium is thicker than the wall of the right ventricle because it receives blood from the whole body.</p> <p>C. The wall of the left ventricles is the thickest among all heart chambers because it pumps blood to the whole body.</p> <p>D. The thickness of the muscular wall in all chambers is the same.</p>	<p>The diagram shows the outside of a human heart. During an unhealthy diet, such as a high lipid diet, the lipid may accumulate within blood vessels and become plaque. <b>In which labeled part the plaque located and causes coronary heart disease?</b></p> 
<p>19 [EASE 3 - 2019/2020] <b>Which substances are dissolved in human blood plasma?</b></p> <p>A. Carbon dioxide, hemoglobin and glucose</p> <p>B. Carbon dioxide, oxygen and hemoglobin</p> <p>C. Glucose, hormones and ions</p> <p>D. Oxygen, ions and starch</p>	<p>20 [EASE 3 - 2019/2020] The graph shows the thickness of the muscular wall in each of the four chambers of the heart. <b>Which chamber is the right ventricle?</b></p> 