**Structure and Function of the Heart**

Using the descriptions in the word bank below identify the locations of the key structures by labelling the arrows in the diagram:

Right side

Left side

S L V



L

L

R

C

S

R

 **S**

|  |  |
| --- | --- |
| Septum – dividing wall separating the right and left side of the heart | Left atrium - receives oxygenated blood from the lungs |
| Semi lunar valves – prevent back flow of blood back into the heart | Left ventricle - receives oxygenated blood from the left atrium |
| Right atrium – receives deoxygenated blood from the systemic circuit | Right ventricle – forces blood out of the heart to the lungs |
| Cuspid valves – separate the atria and ventricle on both sides of the heart |  |

**The Double Circulation System**

|  |  |  |
| --- | --- | --- |
| Circulation System | Destination | Gas content (add high/low) |
|  |  | Carbon Dioxide content goes from ……… to ……….Oxygen content goes from ……… to ………. |
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