***Study checklist***

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| *Content* | *Topic* | *Yes/no* |
| *Cell organelles and their function* | *1.Cells* |  |
| *Types of tissues and their locations* | *3.Tissues* |  |
| *The difference between anabolism and catabolism* | *4. Cell metabolism* |  |
| *How diffusion works – concentration gradient* | *2. Cell exchange materials* |  |
| *The makeup of organic compounds* | *4. Cell metabolism* |  |
| *Modes of transport between the cell membrane*  *Simple diffusion*  *Osmosis*  *Facilitated*  *Active*  *Endocytosis/exocytosis* | *2. Cell exchange materials* |  |
| *Types of blood and their functions* | *5. Circulatory system* |  |
| *Roles of blood vessels* | *5. Circulatory system* |  |
| *Labelling of the heart* | *5. Circulatory system* |  |
| *Role and location of the heart*  *Atria (difference between left and right)*  *Ventricles (difference between left and right)*  *bicuspid/tricuspid valves*  *aorta*  *superior and inferior vena cava*  *septum*  *pulmonary vein and artery*  *flow of blood* | *5. Circulatory system* |  |
| *Relationship between ADP and ATP* | *4. Cell metabolism* |  |
| *How the lungs are suited to their function* | *6. Respiratory system* |  |
| *The factors affecting enzymes*  *Temperature*  *pH*  *concentration* | *4. Cell metabolism* |  |
| *Cardiac output formula* | *5. Circulatory system* |  |
| *How does aerobic and anaerobic respiration occur at the cellular level* | *4. Cell metabolism* |  |
| *Labelling the cell membrane structure* | *2. Cell exchange materials* |  |
| *How gas exchange occurs in body and how this is related to the circulatory system* | *6. Respiratory system* |  |

***Please refer to the resources that have been uploaded daily.***

***The topic will correspond to the powerpoint***

***Check the box yes/no to ensure you are progressing and gaining a deep understanding***

***Happy studying***