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| **Task No. and Title** |  | **Assessment Form** |
| Complete the Cell Structuresand Molecules workbook | | Written Questions and Answers |
| **Guidance Notes:**  Ensure that you complete all of the questions in order to meet the learning outcomes.  Show all working out.  If submitting extra sheets, ensure that the workbook question is clearly labelled.  You must complete the workbook by hand and then scan or post by the due date. | | |

**Assessment**

To achieve a Pass grade the submission must meet all the Assessment Criteria below.

If all the Assessment Criteria **are** met, your submission will be assessed for higher grades against the identified Grade Descriptor components.

If all the Assessment Criteria are **not** met then you will be offered a Resubmission within a short deadline set by your tutor.

If your second submission, within the designated short periodmeets the Assessment Criteria it becomes eligible for assessment for the higher grades.

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| **Assessment Criteria** | |
| 1.1 | Describe the structure of eukaryotic cells and identify the nucleus, cell membrane, endoplasmic reticulum, ribosomes, mitochondria, Golgi body, lysosomes and chloroplasts from electron micrographs. |
| 1.2 | Estimate the size of cells and organelles from microscope study or photographs |
| 1.3 | Describe the levels of organisation in multicellular organisms and explain the importance of cell specialisation with reference to a specific tissue. |
| 2.1 | Explain how the functions of the nucleus, endoplasmic reticulum, ribosomes, mitochondria, Golgi body, lysosomes and chloroplasts are linked to their structure |
| 3.1 | With reference to carbohydrates, proteins and lipids   1. recognise the structure of the molecules, 2. relate the structure of the molecules to their function, 3. explain formation and breakdown of polymers. |

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| **GD**  **No.** | **Merit**  Grade descriptor component | **Distinction**  Grade descriptor component |
| 1 | The student, student’s work or performance demonstrates a very good grasp of the relevant knowledge base. | The student, student’s work or performance demonstrates an excellent grasp of the relevant knowledge base. |
| 7 | The student’s work taken as a whole, demonstrates a very good response to the demands of the assignment. | The student’s work taken as a whole, demonstrates an excellent response to the demands of the assignment. |
| This task |  |  |