Component: **Mathematics**

Assignment: **Assignment 1 Question 3a (Microsoft Excel)**

Course(s): **Applied Science / Applied Biology**

Class/Group: **AA / AB**

Marks: **60 marks**

**Instructions to Candidates:**

Time Allowed: **30 minutes** (extra 10 minutes for those entitled to Reasonable Accommodation – inform your teacher before assignment begins if you are entitled to this)

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| **Question 3 (a)**  An experiment was carried out where a die is rolled 30 times. The result of the experiment is shown in the table below.  Log into your Office 365 account and create an Excel file in your Mathematics folder in OneDrive and input your name and data as shown below. **(30 marks)**   |  |  |  | | --- | --- | --- | | Name: |  |  | | Number (x) | Frequency (f) | Relative Frequency | | 1 | 4 |  | | 2 | 2 |  | | 3 | 3 |  | | 4 | 9 |  | | 5 | 2 |  | | 6 | 3 |  | | Total = |  |  |     You are then required to input the correct formula to calculate the total of the frequency column in the shaded cell shown.  You are then required to input the correct formula to produce the relative frequency for each number in the grey shaded region. Once complete position your cursor in one of the cells in the relative frequency column so the formula is clearly visible in the formula bar. **(30 marks)**  When you have completed the tasks above you must provide evidence of completing this by taking a photograph of your computer screen showing the Excel sheet with your name and data. Ensure your photograph shows one of the formula for calculating the relative frequency.  Upload the photograph you have taken into your Mathematics folder in your OneDrive folder and submit via Moodle. Alternatively, you can press the PRT SCR key on your keyboard to take a screenshot. You can paste this into a Word file and save as a PDF file to your OneDrive Mathematics folder. Submit the PDF via Moodle. |