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**KISII UNIVERSITY**

**EPSC 123: Statistical Methods**

**CAT 2**

**Dr. Christopher Ayienda**

**Due Date 27st July 2020**

1. Give a summary of what correlation is all about ( 2 paragraphs)
2. Complete the correlation coefficient of the performance between Mathematics and Geography tests as shown in the table below:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Students** | **A** | **B** | **C** | **D** | **E** | **F** |
| **Marks in Mathematics (X)** | 3 | 2 | 4 | 6 | 5 | 4 |
| **Marks in Geography (Y)** | 6 | 4 | 4 | 7 | 5 | 4 |

**N/B:** Use Lecture 9 notes for guidance, only compute the correlation using Pearson’s method.