#  **Take- Home Exam in Research Statistics**

**Student’s name: Mark: /20**

**Question one: The following are suggested topics (10.5pts)**

**Topic 1. The Relationship between Parental Educational Level and Academic Success of Driss Omar Middle School pupils**

**1…**…………………………………………………………………………………………………………………………………………………………….

**2**……………………………………………………………………………………………………………………………………………………………….

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*3.* …………………………………………………………………………………………………………………………………………………………………

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**Topic 2. The Impact of the Task-Based Approach on EFL Students Vocabulary Learning at Biskra University**

**1…**…………………………………………………………………………………………………………………………………………………………….

**2**……………………………………………………………………………………………………………………………………………………………….

………………………………………………………………………………………………………………………………………………………………….

*3.* …………………………………………………………………………………………………………………………………………………………………

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**Topic 3. The Role of Social Networking Sites as Effective Marketing Communication Channels**

**1…**…………………………………………………………………………………………………………………………………………………………….

**2**……………………………………………………………………………………………………………………………………………………………….

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*3.* …………………………………………………………………………………………………………………………………………………………………

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**Question two: What is the level/scale of measurement for each of the following ? Justify (03pts)**

|  |  |
| --- | --- |
| Level /scale of measurement | Justification |
| Likert scale  |  |  |
| Yes/ No responses |  |  |
| Exam scores  |  |  |

**Question three: Given the following data set from a random sample: (03pts)**

**Mean:**

**Median:**

**Variation:**

**Standard variation:**

**Question three :** Calculate the relative, percent and cumulative frequencies of the following and place them in a frequency distribution table**.**