



**2<sup>nd</sup> SEM. 2016/2017**

**UNIVERSITY OF SWAZILAND**

**FINAL EXAMINATION PAPER**

**PROGRAMME: B.Sc. in Agricultural Economics and Agribusiness Management**

**COURSE CODE: AEM 305**

**TITLE OF PAPER: RESEARCH METHODS**

**TIME ALLOWED: TWO (2) HOURS**

**INSTRUCTION: 1. ANSWER ALL QUESTIONS**  
**2. EACH QUESTION CARRIES TWENTY FIVE (25) MARKS**

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**QUESTION 1**

- a) Describe the basic techniques of survey data collection. [8 MARKS]
- b) Discuss the main criteria that are followed when selecting a research topic? [7 MARKS]
- c) Discuss three main types of research. [10 MARKS]

**QUESTION 2**

- a) Discuss the processes of designing a good questionnaire. [10 MARKS]
- b) Discuss the advantages and the disadvantages of qualitative and quantitative data. [15 MARKS]

**QUESTION 3**

- a) Given a total sample size  $n$ , its allocation or distribution to the different strata or groups would be based on mainly three principles. State and explain these principles. [15 MARKS]
- b) Why are representative and enough sample size important in scientific research? [10 MARKS]

**QUESTION 4**

Briefly and clearly distinguish between the following pairs of concepts

- a. Reference and bibliography
- b. Population and sample
- c. Sampling units and sampling frame
- d. Correlation and regression
- e. Justification of research and Statement of the problem.

**[25 MARKS]**