

**General Degree Level II (Semester II) Examination-2017**

*Department of Zoology, Faculty of Science, University of Ruhuna*

Course Unit: ZOO2232

Research Methodology

Time: 1 hour

2018.02.05

**Answer question No. 01 and any other question.**

(Illegible handwriting would be penalized)

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**01. Answer all questions.**

(i) List the key steps to be followed in planning a research.

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(ii) State five main characters/qualities of a successful researcher.

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(iii) Indicate five key words that can be used to describe the features of a "true experiment".

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(iv) Distinguish applied research vs basic research.

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(v) What are the main functions of a hypothesis in a research process?

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(vi) State five ways where research can be contributed to knowledge.

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**40 minutes**

**60 marks**

02. Write short notes on any two the followings.

- a. Importance of literature review in research
- b. Objectives of conducting research
- c. Use of statistics in research

**20 minutes**

**40 marks**

03. Briefly discuss the ethical aspects of conducting research

**20 minutes**

**40 marks**