

# M05/AGR405/EE/20160519

**Time : 3 Hours**

**Marks : 80**

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**Instructions :**

1. All Questions are Compulsory.
  2. Each Sub-question carry 5 marks.
  3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
  4. Question paper of 80 Marks, it will be converted in to your programme structure marks.
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1.
  - a) Explain in detail various criteria of a Research Problem.
  - b) Explain with examples how to write a Review of Literature.
  - c) Explain in detail the Characteristics of Research Design.
  - d) Describe various steps in Descriptive Research Design.
  - e) Enlist and Describe Survey Method of Research.
2.
  - a) Explain various Measurements in different form of Evaluation.
  - b) What is Knowledge Test? Describe in detail characteristics of good test.
  - c) Explain meaning of Attitude Statement and Attitude Measurement.
  - d) Describe types of Objective Scales and Items.
  - e) Explain Frequency Distribution with example.
3.
  - a) What are Measures of Central Tendency? And explain Arithmetic Mean.
  - b) What is Dispersion? And explain with example Standard Deviation.
  - c) Explain with example the Types of Correlations.
  - d) Explain Multiple Correlations and Multiple Regressions.
  - e) What is Test of Significance and explain 'F' test with its practical application.

4. a) Explain the role of SPSS Software in Statistical Data Analysis.
- b) What is Scientific Report Writing? And enlist Components of a Research Report.
- c) Explain with examples the Simple Random Sampling.
- d) What is Interview? And enlist various Techniques of Interviewing.
- e) Describe various ways of Diagrammatic Presentation of Research Data.

