

**P.G. DIPLOMA (PGDEDS) / M.A. IN EXTENSION  
AND DEVELOPMENT STUDIES (MAEDS)**

**Term-End Examination**

**June, 2016**

00089

**MEDS-006 : RESEARCH METHODS IN EXTENSION  
AND DEVELOPMENT STUDIES**

*Time : 3 hours*

*Maximum Marks : 100*

*Note : Answer any five questions. All questions carry equal marks.*

1. What is a rating scale ? What are various types of rating scales ? Explain the major guidelines to be followed in construction of a rating scale. 20
2. Describe in detail the main components of a research report. 20
3. Explain the various methods of qualitative data collection. 20
4. Differentiate between any *two* of the following : 20  
 $2 \times 10 = 20$ 
  - (a) Correlation and Regression
  - (b) Development Research and Conventional Research
  - (c) Content validity and Criterion validity

5. Write short notes on any *two* of the following :

2×10=20

- (a) Interview method of development research
- (b) Steps in test construction
- (c) Qualities of a good questionnaire

6. What is reliability of a measuring instrument ?  
What are the methods of establishing the  
reliability of empirical measurements ?

20

7. What is regression analysis ? Explain the fitting  
of a regression line. Give an example to show  
how a regression equation can be used in  
extrapolation.

20

8. Calculate the standard deviation for the  
following set of observations :

20

1	30
2	54
3	42
4	58
5	69
6	37
7	48
8	53
9	60
10	49