

**P.G. CERTIFICATE / P.G. DIPLOMA / M.A. IN
EXTENSION AND DEVELOPMENT STUDIES**

Term-End Examination

June, 2012

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

Time : 3 hours

Maximum Marks : 100

Note : Attempt any five questions. All questions carry equal marks.

1. Write in detail about the main components of a research report. 20
2. What is a hypothesis ? What is the importance of formulating a hypothesis ? What are the criteria for judging a workable hypothesis ? 20
3. Discuss the various methods used for the appraisal of the existing situation by the development researchers. 20
4. Differentiate between *any two* of the following :
10+10=20
 - (a) Quantitative research and qualitative research
 - (b) Reliability and validity
 - (c) Social assessment and social audit

5. What are tests ? What are the type of test questions ? Discuss the various tests involved in test construction ? **20**
6. Write short notes on any *two* of the following : **10+10=20**
- (a) focus group discussion
- (b) levels of measurement
- (c) type I and type II errors
7. The following are the monthly earnings of technicians before and after undergoing a training programme : **20**

S.No	Earnings before training (in '00 Rs)	Earnings after training (in '00 Rs)
1	15	20
2	17	19
3	12	18
4	18	22
5	16	20
6	13	19
7	15	21
8	17	23
9	19	24
10	18	24

Determine, using paired 't' test, if the training programme had any effect on the earnings of the technicians.

8. Describe any two research designs used in social science research. **20**