

**RESEARCH DEGREE PROGRAMME IN
ECONOMICS**

Term-End Examination

June, 2018

00201

REC-101 : RESEARCH METHODOLOGY

Time : 3 hours

Maximum Marks : 100

Note : *Attempt questions from each section as per the instructions given.*

SECTION A

Attempt any two questions from this section in about 700 words each.

2×20=40

1. Distinguish between Research Methodology and Research Methods. How does knowledge of theoretical perspectives help a researcher to undertake research studies in social sciences ?
2. Discuss the major characteristics of interpretative paradigm. Explain the methodology of this paradigm using suitable examples.

3. Identify the critical element that guides the research design. Discuss the format of research design under positivist approach.
4. What are the indicators of quality of employment ? How can you evaluate the quality of employment in India ? What are the sources of data on quality of employment ?

SECTION B

Attempt any **five** questions from this section in about 400 words each.

5×12=60

5. State the various constituents of review of literature. In what way does review of literature help a researcher ?
6. What is the distinction between Random and Non-Random sampling ? Under what situation is snowball sampling used ?
7. Explain the various functional forms of regression model. Which form of regression model is suitable to work out elasticity of demand and why ?
8. What is multi-collinearity ? How will you detect multi-collinearity ? What are the remedial measures to handle multi-collinearity ?
9. State the procedure involved in content analysis.
10. Explain any **three** of the following :
 - (a) Research Hypothesis
 - (b) Case Study
 - (c) Mixed Methods Research
 - (d) Action Research
 - (e) Measurement Scales

11. List the steps involved in estimation of parameters of Multiple regression model through SPSS software.

12. Given the following results of regression model :

$$\hat{Y}_t = 16,899 - 2978.5 X_{2t} \quad R^2 = 0.6149$$

$$t = (8.5152) \quad (-4.7280)$$

Find out the sample size.
