

Total No. of Questions : 8]

SEAT No. :

P4121

[4760]-1049

[Total No. of Pages : 2

M.E.WREE

**RESEARCH METHODOLOGY TREATMENT
(2013CreditPattern) (Semester-I)**

Time : 3 Hours]

[Max. Marks : 50

Instructions to the candidates:

- 1) Solve any 5 full questions.*
- 2) Neat diagrams must be drawn wherever necessary*
- 3) Figures to the right side indicate full marks.*

- Q1)** a) With suitable example explain Quantitative research. **[5]**
b) “Selecting an appropriate research problem is the key to successful research”Discuss. **[5]**
- Q2)** a) Discuss the characteristics of a good Research Problem. **[5]**
b) Explain the requirements of Research in the modern times with an example. **[5]**
- Q3)** a) Write a note on “Internet as a source of literature review in Research”. **[5]**
b) Enlist different types of sample designs and explain probability sampling. **[5]**
- Q4)** a) Explain the merits and demerits of collection of data through observations. **[5]**
b) Write the advantages and disadvantages of raking scale. **[5]**
- Q5)** a) Differentiate between Null hypothesis and Alternative hypothesis. **[5]**
b) Explain the steps involved in procedure for hypothesis testing. **[5]**

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- Q6)** a) What is a t-test? When it is used and for what purpose? Explain with examples. [5]
b) Discuss in brief the important factors needed for a technical report. [5]
- Q7)** a) Discuss the precautions to be taken for writing Research reports. [5]
b) Explain Multiple Regression Analysis method. [5]
- Q8)** a) Write a note on requirements of a research thesis. [6]
b) When can an invention be eligible for filing of its patent?. [4]

