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Total No. of Pages : 02

Total No. of Questions : 09

MECM (2015 & Onwards) (Sem.-3)

**RESEARCH METHODOLOGY**

Subject Code : MECM-303

Paper ID : [G1193]

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A**

1. Answer briefly :

a) Mental Age b) Median c)

Level of significance d)

Quota sampling e) Pie

chart f) Two tailed

hypothesis g) ANOVA h)

Verbal quotient i) Define

aptitude j) Participant

observation

## SECTION-B

2. Compare and contrast different measures of central tendency.
3. Describe the applicability of Case Study in research.
4. Write a note on Chi-square.
5. How can aptitude be measured?
6. Explain the framework of a Research report.

## SECTION-C

7. Critically evaluate the methods and efficacy of phenomenological research.
8. Citing a hypothetical example explain the applicability of correlation using Product Moment method.
9. Write a detailed note on Analysis of Variance as a research tool.