

COURSE CODE – 2070104

PG DEGREE EXAMINATION – JAN 2009

MA (EDU)

METHODS OF DATA ANALYSIS IN EDUCATION

(For Candidate Admitted from Calendar 2007 Onwards)

Time: 3 Hours

Max.Marks:75

Section-A

Answer All the Questions:

15 X 1 = 15

1. What is “Educational Data”?
2. Explain “Qualitative Data”?
3. What do you mean by “Observation Based Data”?
4. Comment on ‘Qualitative data’
5. What is “Scale of Measurement”?
6. Explain “Frequency polygon”?
7. Give “Regression Equations”?
8. What are the “Properties of normal distribution”?
9. Explain “Percentiles”?
10. What is “Histogram”?
11. Explain “Correlation”
12. What is “OGIVE”
13. Explain “Measures of Variability”?
14. What is the concept of “Measures of central Tendencies”?
15. Explain “Cross Breaks”?

Section-B

Answer any Five Questions:

5 X 6 =30

16. a) Comment on “Nature of Education Data”.

(Or)

b) Explain Qualitative analysis with emphasis on content analysis?

17. a) Discuss about “Frequency Distribution”?

(Or)

b) Comment on “Percentile Ranks”?

18. a) Write a note on “Smoothed frequency curve”?

(Or)

b) What are the uses of “Normal Distribution”?-Explain

19. a) Explain “Confidence Limits”?

(Or)

b) Comment on analysis of interview based Data?

20. a) Explain “Standard Errors”?

(Or)

b) Comment on “Hypothesis Testing”?

Section-C

Answer any Two Questions:

2 X 15 = 30

21. Differentiate “Quantization and qualitative” Education data.
22. Comment on “Frequency Distribution”.
23. Write note on “Regression Equations and correlation”.
24. Explain “Inferential statistical methods”.
25. How is “Histogram” useful in data Analysis?