

**M.A. 3rd Semester Examinat
EDUCATION**

(Analysis of data and writing Rese

PAPER – EDU-302

Full Marks : 40

Time : 2 hours

The figures in the right-hand margin

*Candidates are required to give their c
own words as far as practic*

Illustrate the answers wherever

1. Answer any *five* questions of the fo
 - (a) What is meant by 'parametric t
 - (b) Write any two reasons for statistics in Educational Resea
 - (c) Distinguish between Histogram
 - (d) What is the minimum number required for computing multipl

(2)

- (e) Define 'negative correlation' with example.
- (f) What is the full form of ANCOVA ?
- (g) State two limitations of question bank.
- (h) Find the Median value, when Mean = 28.5 and Mode = 30.

Or

Give an example of two variables which are negatively correlated.

2. Answer any *three* questions of the following : 10 × 3

- (a) Calculate Rank Difference Coefficient of Correlation (ρ) from the following raw scores and comment on the result. 8 + 2

Students	A	B	C	D	E	F	G	H	I	J	K	L
Score Phy. Sc.	50	54	65	60	65	62	51	59	52	54	65	61
Life Sc.	51	63	55	51	57	63	56	62	52	53	61	63

- (b) Draw the frequency polyg following distribution and co normality. Find out the Mean deviation of the frequency di:

Class Interval	35-39	30-34	25-29	20-24	15
Frequency	2	5	7	7	

- (c) Given the following of tv aptitude test. Contingency 1 hypothesis that may be teste

Group-I	6	6	14	13	15	6	
Group-II	7	2	12	13	8	6	

Test the hypothesis and con result.

- (d) Identify a suitable example topic and discuss the diff writing a research report on
- (e) Following is the data judgements of 350 judges. Fi

(4)

the judgements expressed in five categories differ significantly or not on the hypothesis of equal probability : 10

Categories	1	2	3	4	5	Total
Judgements	55	63	82	93	57	350