

**Education (P.G.)**

**[CBCS]**

**M.A. Second Semester End Examination-2024**

**(Regular & Supplementary Paper)**

**PAPER –EDN-202**

*Full Marks: 40*

*Time: 02 Hrs*

*The figures in the right hand margin indicate marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

**Group-A**

**1. Answer any four questions of the following:**

**4x2= 8**

- a. What is meant by historical research?
- b. Write four characteristics of Grounded theory of design
- c. Mention the steps of narrative research design.
- d. Write two characteristics of ethnography study.
- e. Define levels of significance.
- f. List different types of descriptive research.
- g. Define parameter and statistics.

**Group-B**

**2. Answer any four questions from the following:**

**4x4 =16**

- a. State different types of primary sources of data in historical research.
- b. Discuss internal validity in experimental design.

(2)

- c. Explain strengths of mixed method design.
- d. Discuss different types of error in testing of hypothesis.
- e. Compare different types of mixed method design.
- f. The following scores were obtained on a retention test from 6 children 5,6,7,8,9 and 10.
  - i) Compute (0.95) confidence interval for the true mean.

**Group -C**

**3. Answer any two questions of the following: 2x8=16**

- a. Define case study. Discuss the strengths and weaknesses of case study.
- b. Discuss different types of experimental design.
- c. Discuss different steps of descriptive research.
- d. Following data obtained from the two samples of elementary schools in service teachers programme controlled in a distant teacher training programme. One of 10 males and the other 12 females. The data in respect of means and sum of the square of deviation from means of intelligence test score of ther samples are as below.

Teachers	Mean	Ex <sup>2</sup>	N
Males	9	20.44	10
Females	14	19.60	2

Is there any differences between male and female teachers in intelligence test score?

Degrees of freedom	Probability P			
	0.10	0.05	0.02	0.01
1	t = 6.34	t = 12.71	t = 31.82	t = 63.66
2	2.92	4.30	6.96	9.92
3	2.35	3.18	4.54	5.84
4	2.13	2.78	3.75	4.60
5	2.02	2.57	3.36	4.03
6	1.94	2.45	3.14	3.71
7	1.90	2.36	3.00	3.50
8	1.86	2.31	2.90	3.36
9	1.83	2.26	2.82	3.25
10	1.81	2.23	2.76	3.17
11	1.80	2.20	2.72	3.11
12	1.78	2.18	2.68	3.06
13	1.77	2.16	2.65	3.01
14	1.76	2.14	2.62	2.98
15	1.75	2.13	2.60	2.95
16	1.75	2.12	2.58	2.92
17	1.74	2.11	2.57	2.90
18	1.73	2.10	2.55	2.88
19	1.73	2.09	2.54	2.86
20	1.72	2.09	2.53	2.84
21	1.72	2.08	2.52	2.83
22	1.72	2.07	2.51	2.82
23	1.71	2.07	2.50	2.81
24	1.71	2.06	2.49	2.80
25	1.71	2.06	2.48	2.79
26	1.71	2.06	2.48	2.78
27	1.70	2.05	2.47	2.77
28	1.70	2.05	2.47	2.76
29	1.70	2.04	2.46	2.76
30	1.70	2.04	2.46	2.75
35	1.69	2.03	2.44	2.72
40	1.68	2.02	2.42	2.71
45	1.68	2.02	2.41	2.69
50	1.68	2.01	2.40	2.68
60	1.67	2.00	2.39	2.66
70	1.67	2.00	2.38	2.65
80	1.66	1.99	2.38	2.64
90	1.66	1.99	2.37	2.63
100	1.66	1.98	2.36	2.63
125	1.66	1.98	2.36	2.62
150	1.66	1.98	2.35	2.61
200	1.65	1.97	2.35	2.60
300	1.65	1.97	2.34	2.59
400	1.65	1.97	2.34	2.59
500	1.65	1.96	2.33	2.59
1000	1.65	1.96	2.33	2.58
∞	1.65	1.96	2.33	2.58