

2022

EDUCATION

[HONOURS]

(B.A. Sixth Semester End Examination-2022)

PAPER-CC13T

Full Marks: 60

Time: 03 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*

A. Answer any ten questions of the following: 10x2= 20

1. What is Statistics?
2. State two characteristics of Mean.
3. What is 'Histogram'?
4. What is Correlation?
5. Write down two disadvantages of using product moment method for calculating the coefficient of correlation.
6. State two importances of using 'Mode' as a measure of central tendency.
7. calculate the Median from the scores –

10	17	19	11	14	16	21	12	13
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8. Mention any two properties of Q.D.

(2)

9. Write down any two importance of Graphical Representation of Data.
10. What is Leptokurtic?
11. What is percentile Rank?
12. Give a suitable example of Zero correlation.
13. What is Scatter Diagram?
14. What do you mean by Range?
15. What is Measures of Central Tendency?

B. Answer any four questions of the following: 4x5 = 20

16. Find the Q.D from the distribution :-

4	7	8	10	13	15	19	20	21	25	27
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17. Discuss the difference between histogram and frequency polygon.

18. Calculate the Median from the distribution :-

score	70-74	65-69	60-64	55-59	50-54	45-49	40-44
f	4	6	8	12	4	3	3

N=40

19. Draw a frequency polygon from the data given in the following table.

score	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-
	9	14	19	24	29	34	39	44	49	54
f	2	8	6	12	7	6	4	3	7	1

N=56

(3)

20. Discuss the uses of Normal Probability Curve in interpretation of scores.
21. Describe the detail the concept of Positive skewness and Negative skewness with diagram. $2\frac{1}{2} + 2\frac{1}{2}$
22. a) Write down any two Limitation of Rank Difference method in calculating the coefficient of correlation.
b) Write down the uses of correlation. 2+3

C. Answer any two questions of the following: 2x10 = 20

23. State the Nature of the Educational Statistics. Explain the utility of the Educational Statistics in the field of Education and Psychology. 3+7

24. What is Standard Deviation? Calculate the S.D from the distribution given bellow :-

score	93-	88-	83-	78-	73-	68-	63-	58-	53-	48-
	97	92	87	82	77	72	67	62	57	52
f	1	3	2	7	12	10	9	5	3	2

N=54

3+7

25. Compute co-efficient of correlation of bellow two subjects of 10 students and interpret its result. 8+2

Student	A	B	C	D	E	F	G	H	I	J
History	61	35	46	59	70	83	37	39	66	54
Geography	48	43	56	47	69	65	41	42	69	43

(4)

26. What are characteristics of N.P.C? Calculate the Mean from the distribution.

5+5

score	14-16	17-19	20-22	23-25	26-28	29-31	32-34
f	2	5	5	8	7	4	3

N=34
