UNIVERSITY OF NORTH BENGAL

B.A. Honours 3rd Semester Examination, 2022

SEC1-P1-EDUCATION

Time Allotted: 2 Hours   Full Marks: 40

The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.

The question paper contains SEC-1A and SEC-1B. Candidates are required to answer any *one* from *two* sections and they should mention it clearly on the Answer Book.

SEC-1A

STATISTICAL ANALYSIS

GROUP-A

Answer any *five* questions from the following   1×5 = 5

1. Name the quickest measure of central tendency.

2. Name the different measures of variability.

3. What is Percentile Score?

4. What do you mean by coefficient of correlation?

5. Give examples of parametric tests.

6. What is the other name of a Normal Probability Curve?

7. How will the mean of a given distribution change if all the values in the distribution are increased by 3?

8. Mention any one advantage of Range.

GROUP-B

Answer any *three* questions from the following   5×3 = 15

9. When should median be computed? Calculate median for the following data: 2+3
    6, 8, 1, 5, 11, 2, 7, 7, 9, 2

10. Describe the characteristics of SD. 5

11. Explain with examples different types of correlation. 5

12. What do you mean by AD? Calculate AD for the following data: 2+3
3, 6, 6, 7, 8, 11, 15, 16

13. Describe the properties of Normal Probability Curve. 5

GROUP-C

Answer any *two* questions from the following $10 \times 2 = 20$

14. Compute mean and SD from the following data: 5+5

Scores	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89
f	32	42	40	56	20	6	2	2

(N = 200)

15. Point out the uses of Quartile Deviation. What is the advantage of Quartile Deviation? Compute Q.D. from the given data: 3+2+5

Score	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
f	4	12	16	22	10	6	6	4

(N = 80)

16. Compute P_{75} and P_{40} 5+5

Score	110-119	120-129	130-139	140-149	150-159	160-169	170-179	180-189	190-199	200-209	210-219
f	1	4	17	28	25	18	13	6	5	2	1

(N = 120)

17. Compute coefficient of correlation using Product Moment Method and interpret the result. 8+2

X	35	30	42	29	36	25	34	33	28	29
Y	38	28	39	31	31	29	36	35	33	28

OR

SEC-1B

COMPUTER APPLICATIONS

GROUP-A

Answer any *five* questions from the following $1 \times 5 = 5$

1. What is the full form of PPT?

2. What is the extension used for a word file?

3. Which keys are used as shortcut to save a file?

4. How do you draw a Text box in a word document?

5. What are Templates in MS Word?

6. Which key do you use to start a slide show in PowerPoint Presentation?

7. What is custom animation?

8. What is Word Art?

GROUP-B

Answer any *three* questions from the following   5×3 = 15

9. Indicate the steps to draw a table in a word document and format its row width and   2+3
    column height.

10. How do you merge and compare documents?   5

11. Write down the process of basic editing.   5

12. How do you insert Graphics in PowerPoint?   5

13. What is Desktop Publishing and why is it necessary?   2+3

GROUP-C

Answer any *two* questions from the following   10×2 = 20

14. Explain in detail the process of proofing and printing.

15. Explain the importance of using graphics and animations in a PowerPoint
    presentation.

16. Explain with examples different themes used in PowerPoint presentation. Why are   5+5
    these themes necessary?

17. Explain the need and importance of MS Word in our day to day lives.   10

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