



COMPREHENSIVE CONCURRENT EVALUATION

Important Instruction:

1. The subject is evaluated based on four components:
2. Google classroom details: _

Sr. No	Components	Submission Date	Marks
1.	Written Home Assignment - 1	22 nd November 2021	25
2.	Written Home Assignment - 2	10 th December 2021	25
3.	Written Home Assignment - 3	20 th December 2021	25
4.	MCQ Based Online Test (All Units)	27 th December 2021	25
	Total Marks		100



Component 1: Written Home Assignment

Submission Date: 22nd November 2021

Assignment Number – 1

Q. 1) Define the terms mean, median, mode and calculate mean, median and mode for the following data of time in minutes required to run a program on computer by 10 students

Time in minutes – 15 22 47 35 44 28 22 28 35 28

Q. 2) What are objectives and requirements of measures of central tendency.

Q. 3) Calculate average of marks of three divisions for the following data

Division	Number of Students	Mean Marks
A	250	65
B	200	72
C	150	68

Q. 4) Obtain mean, median and mode for the following frequency distribution.

C.I.	0 – 25	25 – 50	50 – 75	75 – 100	100 – 125
Freq	7	8	13	7	5



Component 2: Written Home Assignment

Submission Date: 10th December 2021

Assignment Number – 2

Q. 1) What is mean by measures of dispersion and distinguish between absolute and relative measures of dispersion.

Q. 2) Calculate range and SD for the following data.

17 18 8 20 25 12 10 45 26 20 28 11

Q.3) Calculate SD and CV for the following frequency distribution.

Class Interval 0 – 2 2 – 4 4 – 6 6 – 8 8 – 10 10 – 12

Freq 3 2 5 4 6 5

Q.4) Define the terms Range, Quartile deviation and their coefficients.





Component 3: Written Home Assignment

Submission Date: 20th December 2021

Assignment Number – 3

Q. 1) Define the term Correlation and it's type with suitable example.

Q. 2) Calculate Karl Pearson's Correlation Coefficient for the following data

Marks in Economics	80	56	50	48	50	62	60
Marks in Stats	90	75	75	65	65	50	65

Q. 3) Explain the term Regression and state two regression equations.

Q. 4) Following data are related to marks in Accountancy (X) and marks in Statistics (Y) of 10 candidates.

X	:	66	65	68	68	67	66	70	64	69	67
Y	:	68	67	67	70	65	68	70	66	68	66

Estimate marks in Statistics of a student who has scored 76 marks in Accountancy.
Also estimate marks in Accountancy of a student who has obtained 60 marks in Statistics.