Roll No. ....

Note—Attempt *all* questions.

1. Distinguish between classification and tabulation of data. Point out the general rules for constructing statistical table.   8

2. Calculate mode from the following frequency distribution :   8

Mid-point	:	1	2	3	4	5	6
Frequency	:	2	4	10	5	5	3

3. Define Skewness. Discuss the various measures of skewness giving examples where necessary.   8

4. Construct the following data, construct Fisher's Index number :   8

Item	Base Year		Current year	
	Price per Unit (Rs.)	Total Expenditure Rs.	Price per Unit Rs.	Total Expenditure Rs.
1	2	40	5	75
2	4	16	8	40
3	1	10	2	24
4	5	25	10	60

5. Ten competitors in a beauty contest are ranked by three judges in the following order :   8

First Judge	:	1	6	5	10	3	2	4	9	7	8
Second Judge	:	3	5	8	4	7	10	2	1	6	9
Third Judge	:	6	4	9	8	1	2	3	10	5	7

Use the rank correlation coefficient to discuss which pair of Judges have the nearest approach to common tastes in beauty.