

Prabhu Dayal Public School
Class XI Economics
Assignment 2

1. When two variables change in the same direction, then such a correlation is called:

(1)

- (a) negative
- (b) positive
- (c) no correlation
- (d) all of these

2. In weighted index, weights are accorded to different items depending on their relative importance. (True/False) (1)

3. Calculate the correlation coefficient between X and Y and comment on their relationship. (2)

X	Y
-3	9
-2	4
-1	1
1	1
2	4
3	9

4. Calculate price index from the following data by using Weighted Average Price Relative Method: (2)

Commodity	Base year price	Current year price	Weights
A	6	8	240
B	3	3.2	240
C	2	3	40

5. In a Fancy-dress competition, two judges accorded the following ranks to eight participants: (3)

Judge 1	Judge 2
8	7
7	5
6	4
3	1
2	3
1	2
5	6
4	8

Calculate coefficient of rank correlation. (Correlation = 0.619)

6. Construct index number of prices from the following data by Fisher's Method.
(3)

Commodity	Po	Expenditure of 2011	P1
A	8	100	10
B	10	60	11
C	5	100	5
D	3	30	2
E	2	8	4