

**St. Mary's School, Dwarka**  
**Holiday Homework**  
**Class XI**  
**Subject: Economics**

**Worksheet-1**

- Q1. What will the impact be of "Clean India Mission" on the PPC? (3)
- Q2. Can a demand curve move upward? Explain with the help of diagram. (3)
- Q3. Define Transformation curve. What are its main features? (3)
- Q4. Why does law of demand apply? (4)
- Q5. Differentiate between change in demand and change in quantity demanded. (4)
- Q6. Explain degrees of correlation. (4)
- Q7. Write four exceptions of law of demand. (4)
- Q8. What will be the effect of change in price of input on the supply curve of a commodity? (4)
- Q9. What do you mean by consumer's equilibrium? Explain. (6)
- Q10. Write the relationship between AC and MC. (6)

**Worksheet 2**

- Q1. Explain the factors affecting supply. (4)
- Q2. What do you mean by cross price effect? Explain the impact of change in price of substitute goods on the demand curve. (6)
- Q3. Write the features of PPC. Can two PPCs can intersect each other? (6)
- Q4. Calculate rank correlation from the following data: (6)

X	13	27	39	18	13	18	18	27	36
Y	7	67	67	67	28	84	84	28	84

- Q5. Define measures of dispersion. Write it's merits. (6)
- Q6. Explain the factors affecting elasticity of demand. (6)
- Q7. Explain the following : (6)
- (i) Two indifference curves never intersects each other.
- (ii) Income effect of inferior good is negative.
- (iii) Change in quantity demanded is the explanations of law of demand.
- Q8. State law of variable proportion. (6)
- Q9. What do you mean by producer's equilibrium? (6)

**Worksheet 3**

- Q1. Why are measures of central value calculated? (1)
- Q2. Define mode. (1)
- Q3. What do you mean by range? (1)
- Q4. State two merits of arithmetic mean. (1)
- Q5. Define correlation. (1)

Q6. Calculate variance and coefficient of variation from the following

(4)

Size	Frequency
4	3
5	7
6	22
7	60
8	85
9	32
10	8

Q7. The mean marks obtained in an examination by a group of 200 students were found to be 49.46. The mean marks obtained in the same examination by another group of 400 students were 52.32. Find out the mean of marks obtained by both the groups of students taken together. (4)

Q8. What are the features of a representative average? (4)

Q9. Two series X and Y with 50 items each have standard deviations 4.5 and 3.5 respectively. If the summation of product of deviations of X and Y series from their respective arithmetic means be 420, Find the coefficient of correlation between X and Y. (6)