## St. Mary's School, Dwarka Holiday Homework <br> Class - XI <br> Subject : Economics

Q1. Define central problem.
Q2. Give the meaning of microeconomics.
Q3. Write two examples of microeconomic studies.
Q4. Define opportunity cost.
Q5. Why does an economic problem arise?
Q6. Write two characteristics of resources.
Q7. What do you mean by scarcity?
Q8. Why is the slope of PPF downward?
Q9. Why does the PPF look concave to the origin?
Q10.Define Marginal Rate of Transformation.
Q11. What is positive economic analysis?
Q12. Explain normative economic analysis.
Q13. Define market economy.
Q14. What do you mean by a centrally planned economy?
Q15. Define transformation curve. Explain its features.
Q16. Explain the types of economic problems. Why does it arise?
Q17. How is PPC related with central problems?
Q18. Distinguish between microeconomics and macroeconomics. Give an example.
Q19. State three differences between normative economic analysis and positive economic analysis.
Q20. Write any three differences between a market economy and a centrally planned economy.
Q21. Why are measures of central value calculated?
Q22. Define mode.
Q23. State two merits of arithmetic mean.
Q24. 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.

Q25. What are the features of a representative average?
Q26. Explain the uses of weighted mean.

Q27. Calculate the mean and median from the following data:
X: $483340091616 \begin{array}{llllll}65 & 25 & 15 & 57\end{array}$
Y: 131312406150420090619
Q28. Calculate median by graphical method:

| C.I. | Frequency |
| :--- | :--- |
| $0-10$ | 100 |
| $10-20$ | 200 |
| $30-40$ | 300 |
| $40-50$ | 400 |
| $50-60$ | 500 |
| Total | 1800 |

Q 29. Calculate mode from following data :
Class: 0-3 $3-6 \quad 6-10 \quad 10-12 \quad 12-15 \quad 15-18 \quad 18-20 \quad 20-24 \quad 24-25 \quad 25-28 \quad 28-30 \quad 30-36$
F $\begin{array}{lllllllllllll} & : & 4 & 8 & 10 & 14 & 16 & 20 & 24 & 14 & 16 & 11 & 10 \\ 6\end{array}$

Q30. Find out arithmetic mean from the following data by the step deviation method:

| Class | $20-25$ | $25-30$ | $30-35$ | $35-40$ | $40-45$ | $45-50$ | $50-55$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Frequency | 10 | 12 | 8 | 20 | 11 | 4 | 5 |

