



**APEEJAY SVRAN GLOBAL SCHOOL**  
**SESSION-2020-21**  
**TERM-I END EXAMINATION**  
**SUBJECT- ECONOMICS**  
**CLASS- XI**

Name - \_\_\_\_\_

Date – 22<sup>nd</sup> September, 2020

**M.M: 40**

**Duration: 1 hour 30 mins**

1. Name one statistical tool used for: 1  
i) Analysis of Data ii) Presentation of Data
2. Name the method in which paper slips are made for each item of the universe. 1
3. Write the percentage change method formula for calculating price elasticity of demand. 1
4. Name the shape of demand curve when  $E_d=1$ . 1  
Show the diagram too.
5. Explain any one feature of statistics in plural sense. 1
6. Complete the table: 1  

Land	Labour	TP	MP
1	1	5	__?__
1	2	__?__	7
7. Write one limitation of Telephonic Interview. 1
8. Explain any one cause for diminishing returns to factor. 1
9. Differentiate between Descriptive and Inferential Statistics. 3
10. Explain the central problem of “What to produce?”. 3
11. Differentiate between Centrally planned economy and Mixed economy. 3
12. What is the difference between Questionnaire and Schedule? Write any 2 qualities of a good questionnaire. 3
13. i) Write any 2 differences between Census and Sample method. 2+2

- ii) Identify the method of sampling and write any 1 merit of the same.  
“50 students of a class are divided into two strata consisting of 30 and 20 students respectively. Now investigator selects 4 students from first strata and 1 student from another strata.”
14. Explain the law of variable proportion with the help of TP and MP curves. 4
15. i) Convert the following frequency distribution into exclusive series. Mention the steps properly. 3+3  

Marks	10-14	15-19	20-24	25-29	30-34	Total
No. of students	4	5	8	5	4	26
- ii) The monthly salary of some families in a society is given below:  

Monthly Salary	10-20	20-30	30-40	40-50	50-60	60-70
No. of Employees	6	9	12	17	11	5
- a. What is the lower limit of the second class interval? 0.5
- b. What is the upper limit of the last class interval? 0.5
- c. What is the class size of each class interval? 0.5
- d. How many families earn less than Rs 20000 in a month? 0.5
- e. What is the mid value of the third class interval? 1
16. i) Explain the law of demand with the help of a demand curve and demand schedule. 4+2  
ii) Explain with the help of diagram, the effect of rise in the price of coffee on the demand of tea.