



**INDIAN SCHOOL DARSAIT**  
**MID TERM EXAMINATION - MAY, 2018**  
**ECONOMICS(030)**  
**(SET-1) ANSWER KEY**



Class:XI

**General Instructions:**

- i. The questionpaper has 7questions in all. All questions are compulsory.
- ii. Marks are indicated against each question.

1. Economics is concerned with the study of economic issues or problems that arise because of the fact that resources are scarce in relation to our needs and the scarce resources have alternative uses. 1
  
2. Economic problem arise due to the following reasons 1
  1. Human wants are unlimited
  2. Economic resources are limited
  3. Resource have alternative resources

3.	Basis	Micro Economics	Macro Economics	3
	Meaning	It is that branch of economics which studies individual economic variables	It is that branch of economics which studies aggregate economic variables like aggregate demand	
	Scope	Narrow scope	Ide scope	
	Area of study	Determination of price and output in individual market	Determination of general price level and national output of the country	

4.
  1. Easy to compute: The calculation of arithmetic mean is very simple and easy 4
  2. Easy to understand: It is very easy to understand and even common man understand it very easily
  3. Based on all the items of series: It is based on all items of series whichhelps in getting a proper picture of the whole data
  4. To facilitate comparison: It helps in comparing the data of various catgories

5.

CLASS	FREQUENCY	MID X	FX	Cum Fre
10-20	2	15	30	2
20-30	3	25	75	5
30-40	8	35	280	13
40-50	14	45	630	27
50-60	8	55	440	35
60-70	3	65	195	38
70-80	2	75	150	40
TOTAL	40		1800	

4

$$A.M = FX/N \quad 1800/40 = 45$$

$$MEDIAN = 45$$

6.

Class	Frequency	Mid X	Fx	Cum Fre
0-10	4	5	20	4
10-20	8	15	120	12
20-30	9	25	225	21
30-40	10	35	350	31
40-50	7	45	315	38
50-60	5	55	275	43
60-70	4	65	260	47
70-80	3	75	25	50
Total	50		1790	

6

Arithmetic mean= 35.8

Median= 34

Mode= 30.4

7. A Production possibility curve is a curve which shows the various alternative production possibilities of two goods that can be produced with the given resources and technology. It is also known as the transformation curve or production possibility frontier

6

Production possibility	Wheat	Pulses	MOC
A	0	15	–
B	1	14	1:1
C	2	12	2:1
D	3	9	3:1
E	4	5	4:1
F	5	0	5:1

Shift of the Production possibility curve

The production possibility curve will shift under the following two conditions

1. Change in resources
2. Change in technology

The production possibility can shift in both ways , rightward or leftward. The rightward shift of production possibility curve indicates the increase in resources and technology of production in economy

### **Diagram**

On the other hand the leftward shift of the production possibility curve indicates decrease in the resources or degradation of technology

### **Diagram**

