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Winter Break Homework, Session 2019-20.

Class XI C

1- Find Mean, Median, Mode, Mean Deviation from Median and Coefficient of Variation from following data.

(a) 22,34,26,28,16,44,31,49,23,47.

(b)

X	10	20	25	30	35	40	50	60	Total
F	2	3	1	2	5	4	2	6	25

(c)

Marks	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	Total
No of students	5	1	4	2	5	8	9	6	40

2- Find Karl Pearson's Correlation coefficient and Spearman's Rank Correlation Coefficient from following data.

X	10	20	30	50	40	30	50	60	70
Y	30	20	53	27	20	30	20	40	30

3- What is index Number? Explain importance of index Number.

4-What is consumer Price Index ? Explain its importance.

5-find Fisher's Index Number and weighted average of price relatives.

Items	2001		2011		Weight
	Price	Quantity	Price	Quantity	
A	10	25	11	30	5
B	12	50	16	60	4
C	08	40	10	50	6
D	05	40	06	50	3
E	04	25	06	40	2
F	10	10	08	20	1

6- What is producer's equilibrium? Explain producer's equilibrium using schedule and diagram .

7 Explain Factors affecting supply.

8- Explain features of Main market forms .

9 What is equilibrium price? Explain the chain of reactions when demand is more than supply in the economy.

10- Define (a) floor price (b) Ceiling price.

Holiday Homework

Chapter 1: → Structure of atom

- * Thomson model : Concept & Limitation
- * Rutherford's Model : Concept & Limitation
- * Bohr's model : Concept & Limitation
- * Isotopes & Isobars : example & definition

Chapter 2: → Diversity in living Organism:

* write the characteristics of

- Gymnosperm
- Angiosperm
- Aves
- Mammals
- Reptiles

Chapter 3: → Natural Resource

- ⇒ Cycle → Nitrogen cycle
- Carbon cycle
- Oxygen cycle
- water cycle

Getup/Name