



JYOTI PUBLIC SCHOOL, DHORKA

Holiday Homework ASSIGNMENT, (2018-19)

CLASS – 11th

SUB-Economics

(1) The monthly expenditure of 5 households are:

Rs. 1550, Rs. 1715, Rs. 1690, Rs. 820 and Rs. 1150.

Calculate arithmetic mean by direct method.

(2) Find average by short cut method of the following data .:

3, 5, 6, 8, 10, 11, 13, 17, 22.

(3) Daily wages of 10 families is given below . Calculate average daily wages. Use step deviation method .

Daily wages (in Rs.)

90, 120, 80, 85, 90, 130, 200, 225, 255, 295

(4) Calculate arithmetic mean with the help of following data . Use direct method:-

Wages (in Rs.)	20	25	30	40	42	50
No. of Workers	4	6	10	5	5	10

(5) You been given the following table . Compute arithmetic mean by using short cut method:-

Salary (in Rs.)	50	55	60	70	85
Workers	1	2	3	4	5

(6) Calculate average marks of the following students using step – deviation method:-

x	5	15	25	35	45	55	65
f	5	12	15	25	8	3	2

(7) Calculate the arithmetic mean from the following series by direct method:-

Marks	5 - 15	15 - 25	25 - 35	35 - 45	45 - 55
No. of students	8	12	15	9	6

(8) Calculate the arithmetic mean by short-cut method from the following data:-

Class interval	20 – 25	25 – 30	30 – 35	35 – 40	40 – 45	45 – 50	50 - 55
Frequency	10	12	8	20	11	4	5

(9) Find out arithmetic mean by step-deviation method:-

Salary (Rs. lakhs)	0 – 10	10 – 20	20 – 30	30 – 40	40 – 50	50 – 60
No. of firms	12	18	27	20	17	6

(10) Calculate mean from the following data using short cut method:

Marks	No. of Students
Less than 10	7
Less than 20	18
Less than 30	25
Less than 40	35
Less than 50	50

(11) The following schedule shows marks of students in a subject. Calculate arithmetic mean by step-deviation method :

Marks	No. of Students
More than 0	40
More than 2	35
More than 4	25
More than 6	18
More than 8	10

(12) Following schedule gives marks obtained by students in statistics in a class. Find out mean marks using short-cut method:-

Mid-Values	5	10	15	20	25	30
No. of students	5	7	9	10	8	6

(13) Find out mean from the following information using step-deviation method:-

Mid-Values	10	20	30	40	50
Frequency	8	12	15	9	6

(14) The following table shows monthly wage rate of workers in a factory. Find out the average wage rate by short-cut method:-

Wage-rate(Rs.)	20 - 29	30-39	40-49	50-59	60-69
No. of workers	20	10	6	4	5

(15) Mean of weekly pocket money of 40 students is Rs. 265. But in the calculation, one value was read as 150 instead of 115. Find corrected mean.

 **Activity** :-- 

Project work ---

① Prepare a project on consumer awareness among households. Collect the information through a questionnaire .

Prepare this project report using primary source of data, tabular & diagrammatic presentation of data .