

SECTION 'B' (Short-Answer Questions) (15)

NOTE: Attempt any THREE part questions. All questions carries equal marks.

2. i) Draw a Pie diagram for the following table:

Items	Expenditure
Food	2300
Clothing	1000
House Rent	1200
Education	900
Miscellaneous	600

2. ii) The average wage of 4 men is Rs. 17 per hour and the average wage of further 6 men is Rs. 22 per hour. What is the average wage of the 10 men?

2. iii) If a fair coin is tossed three times:

a) What is probability of getting 3 Heads?

b) What is the probability of getting 2 Heads?

2. iv) The price of a Commodity for 6 years is given in the following table.

Year	2015	2016	2017	2018	2019	2020
Price	20	21	23	28	30	35

Calculate index number a) Taking 2015 as base year b) Using Chain base method.

2. v) Show that the sum of the deviations from their mean is Zero: 1.3, 7.0, 3.6, 4.1, 5.0.

SECTION 'C' (Detailed Answer Questions)(10)

NOTE: Attempt any ONE part questions. All questions carries equal marks.

3. Find Mean, Median and Mode of the following frequency distribution and comment on the results:

Daily Wages	No. of Employees
4-6	2
6-8	5
8-10	10
10-12	8
12-14	3
14-16	1

4. From the following data using 2019 as base year, find:

i) Laspyere's Index Number

ii) Paasche's Index Number

iii) Fisher Ideal Index Number

Commodities	Price		Quantity	
	2019	2020	2019	2020
A	64	75	270	290
B	58	68	185	200
C	18	21	130	137
D	50	60	134	145

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