



Unique Science Academy, 60 – D Nawab Town, Lahore

Statistics 11 Monthly Test

(Chapter 3 & 4 – Measure of Central Tendency and Dispersion)

08 July 2024

Allowed Time: 40 minutes

Total Marks: 20

Question: The following data is given as follows:

Income	35 – 39	40 – 44	45 – 49	50 – 54	55 – 59	60 – 64	65 – 69
f_i	13	15	17	28	12	10	5

Marks

- | | | |
|-------|--|-----|
| (i) | Calculate the mid-points and name them X_i | (2) |
| (ii) | Construct the Class Boundaries | (2) |
| (iii) | Compute the cumulative frequencies | (2) |
| (iv) | Find Arithmetic Mean | (3) |
| (v) | Find Median | (3) |
| (vi) | Find Mode | (3) |
| (vii) | Find Standard Deviation | (5) |