

JEE MAIN STATISTICS — MEASURES OF CENTRAL TENDENCY: MEAN, MEDIAN, MODE — PYQS

Max. Marks: 8
Questions: 2

Section A (MCQ) — 2 questions

- Q.1** A variable X takes values $0, 0, 2, 6, 12, 20, \dots, n(n-1)$ with frequencies ${}^nC_0, {}^nC_1, {}^nC_2, {}^nC_3, {}^nC_4, {}^nC_5, \dots, {}^nC_n$, respectively. If the mean of this data is 60, then its median is :

[JEE Main 2026 (Online) 5th April Evening Shift]

- (1) 56 (2) 42 (3) 72 (4) 90

Scan or tap for the full solution



- Q.2** If the mean of the data

Class	5-10	10-15	15-20	20-25	25-30	30-35
Frequency	2	k	28	54	k + 1	5

is 21, then k is one of the roots of the equation :

[JEE Main 2026 (Online) 2nd April Morning Shift]

- (1) $2x^2 - 23x - 10 = 0$ (2) $4x^2 - 35x + 24 = 0$
 (3) $2x^2 - 19x - 10 = 0$ (4) $2x^2 - 35x + 98 = 0$

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2									
Ans.	1	3									