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Test Math الملف

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TEST NUMBER 2

Subject: Mathematics

Name: _____

Date: _____

Class: VIII

TOPIC: Matrices & Information Handling

Total Marks: 20

Q1: Multiply the matrix. If possible:

$$\begin{bmatrix} 4 & 3 \\ 5 & 7 \end{bmatrix} * \begin{bmatrix} 2 & 2 \\ 7 & 9 \end{bmatrix}$$

Q2: Find the transpose of the following matrices:

$$[2 \ 6 \ 9]$$

$$\begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix}$$

Q3: Add the matrices if possible:

$$\begin{bmatrix} 2 & 3 & 4 \\ 4 & 9 & 7 \end{bmatrix} + \begin{bmatrix} 1 & 2 & -5 \\ 0 & 7 & 9 \end{bmatrix}$$

Q4: Given below are the marks obtained by 135 students in computer science.

Marks	(20 – 24)	(25 – 29)	(30 – 34)	(35 – 39)	(40 – 44)	(45 – 49)
Students	25	28	32	25	13	12

Find Mean:

Sol:

Q5: In a certain school, 230 students were present in Monday, 240 in Tuesday, 300 on Wednesday, 280 on Thursday, and 180 on Friday. Find the average number (mean) of students present on these 5 days?

Q6: Shahid Afridi scores in different matches: 56, 87, 34, 87, 55, 87, 23, 89, and 20. Find Mean, Median, & Mode?