

General Maths - 10th Class General Math English Medium Chapter 4 Short Question

Q1. When are two matrices confirmed for addition?

Ans 1: Two matrices A and B are said to be conformable for addition, if they are of the same order and their sum is obtained by adding their corresponding elements.

Q2.

Ans 1:

Q3. Define the subtraction of two matrices.

Ans 1: If the two matrices A and B are of the same order, then their difference can be written as $A - B$. The difference $A - B$ is obtained by subtracting the elements of matrix B from the corresponding elements of matrix A.

Ans 2: Important Notice: Order of $A - B$ will be same as the order of matrices A and B.

Q4. What is a matrix? Write its example.

Ans 1:

Q5. Differentiate between singular and non-singular matrices.

Ans 1:

Q6.

Ans 1:

Q7.

Ans 1:

Q8.

Ans 1:

Q9. What is distributive law of matrices?

Ans 1: If three matrices A, B and C are conformable for addition and multiplication then

Ans 2: (i) $A(B + C) = AB + AC$ (left distributive law for matrices)

Ans 3: (ii) $(A + B)C = AC + BC$ (right distributive law for matrices)

Q10.

Ans 1:
