

**CYCLE TEST-MATHEMATICS**  STD:XII

**Answer the following: 4 x 2 = 8**

1. (i) What possible orders of a matrix can have, if it has 15 elements?

(ii) Find the values of x and y if 

2. Construct a 2 x 2 matrix whose elements are given by 

3. Find the values of x, y and z , if 

4. If then find the matrix Z such that X+Y+Z=O

**Answer the following: 3 X 4 = 12**

5. Solve the matrix equation. 

6. Given . Also given 2A + 3X = 5B, find X.

7. If 