**Multiple Choices: Instructions:** Choose the option that completes the sentence or answers the question.

1. For matrix multiplication No. of column of Frist matrix equals \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. If order of a matrix A is 3×2 and order of B is 2×4 then order of AB \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. When a matrix is multiplied with zero matrix the product is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. When a matrix is multiplied with identity matrix the product is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. I (identity) of 2×2 matrix is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Answers**

1. For matrix multiplication No. of column of Frist matrix equals **No of rows of second**
2. If order of a matrix A is 3×2 and order of B is 2×4 then order of AB **3×4**
3. When a matrix is multiplied with zero matrix the product is **Zero**
4. When a matrix A is multiplied with identity matrix the product is matrix **A**
5. I (identity) of 2×2 matrix is