## Bangladern University of Business and technology

BSC in CSE

Genesten

! Second Genester

Course Code

! MAT 121

Course Little

"- Livan Algebra and differentia

Equations

Name of Student: Abdur Rahim Refast

IO NO: 202/12-03007

Intake: 37

Am to the a no: 3

wine,

$$A = \begin{bmatrix} -9 & -31 & 4 \end{bmatrix}$$
 $^{3}B = \begin{bmatrix} -8 & -16 & -96 \end{bmatrix}$ 

$$AB = \begin{bmatrix} -9 - 31 - 4 \end{bmatrix} \times \begin{bmatrix} -8 \\ -9 \end{bmatrix}$$

$$= \begin{bmatrix} -9 \times 8 - 3 \times (-1) & 4 \times (-96) \end{bmatrix}$$

$$= \begin{bmatrix} -72 & 31 & -384 \end{bmatrix}$$
Am

$$BA = \begin{bmatrix} -9 & -31 & -9 \\ -96 \end{bmatrix} \begin{bmatrix} -9 & -31 & -9 \end{bmatrix}$$

$$= \begin{bmatrix} 8x(-4) & -1x(-31) & -96x4 \end{bmatrix}$$

$$= \begin{bmatrix} -72 & -384 \end{bmatrix}$$

$$= \begin{bmatrix} -72 & -384 \end{bmatrix}$$

power Fare-L I Intake: ?

Intake: 37

Am to the a no! 2

(0-44) 1- (1-718) (1-718) -

Intake: 37