KHUDIRAM BOSE CENTRAL COLLEGE
INTERNAL ASSESSMENT EXAMINATION-2020
PAPER : ADVANCED BUSINESS MATHEMATICS
B.COM 5TH SEMESTER (HONS.)
PAPER CODE : DSE 5.1A
FULL MARKS : 05
DATE : 27.02.2021
TIME : 11.00 AM TO 11.30 AM

ANSWER ANY TWO QUESTIONS **2.5*2=5**

1. If $f(x+2) = 2x^2 – 3x-1$, Find $f(x+1)$.

2. Solve : $\lim_{x-\alpha} x^2+3x+2/ x^3+x-4$.

3. Find dy/dx from $x^2+xy+2y^3= 0$.

4. If $A = \begin{bmatrix} 3 & -6 \\ 9 & 3 \end{bmatrix}$ and $B = \begin{bmatrix} 1 & -3 \\ 3 & 0 \end{bmatrix}$ find 2A+B.

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