B.Com 4th Semester

Sessional Exam

Sub: Business Mathematics

Paper: HC-4026

Total marks: 20

Date of submission on or before 18 September 2021

1. Answer the following: 2×5=10
2. If , prove that .
3. Find the value of .
4. Find the derivative of .
5. Find the integral .
6. If A= and B= then find 2A+3B.
7. Answer the following: 5×2=10
8. Solve by Cramer’s rule: x+2z=7

3x+y=5

2y-3z=-5 .

1. Find the inverse of the matrix A=.