Mid term paper



Muhammad Ali

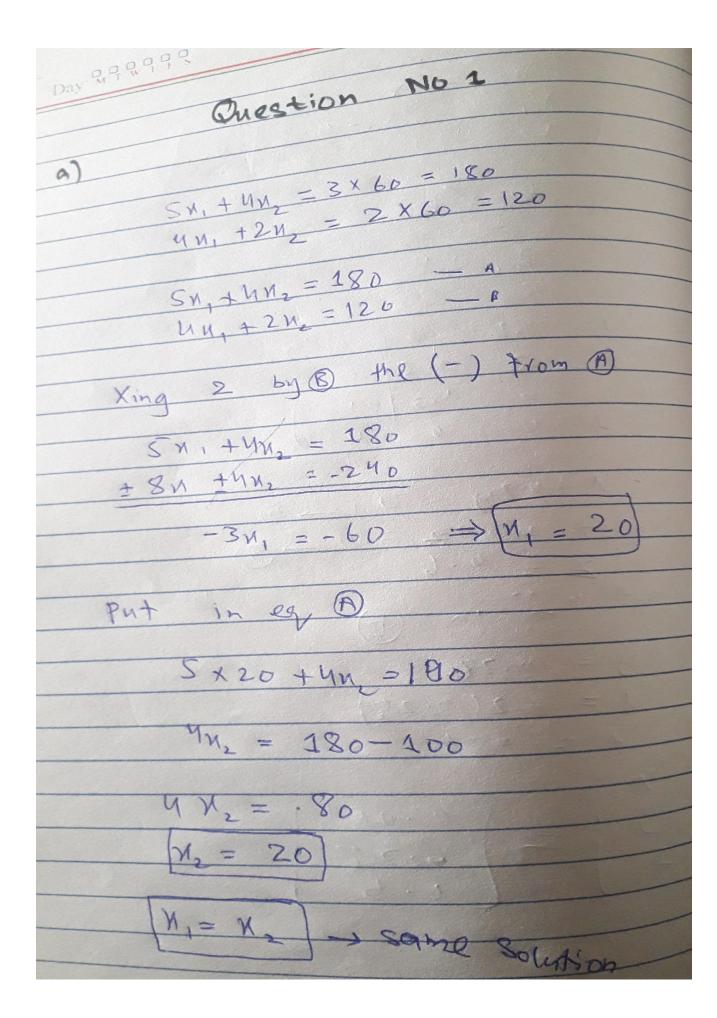
Registration No: 19PWCSE1801

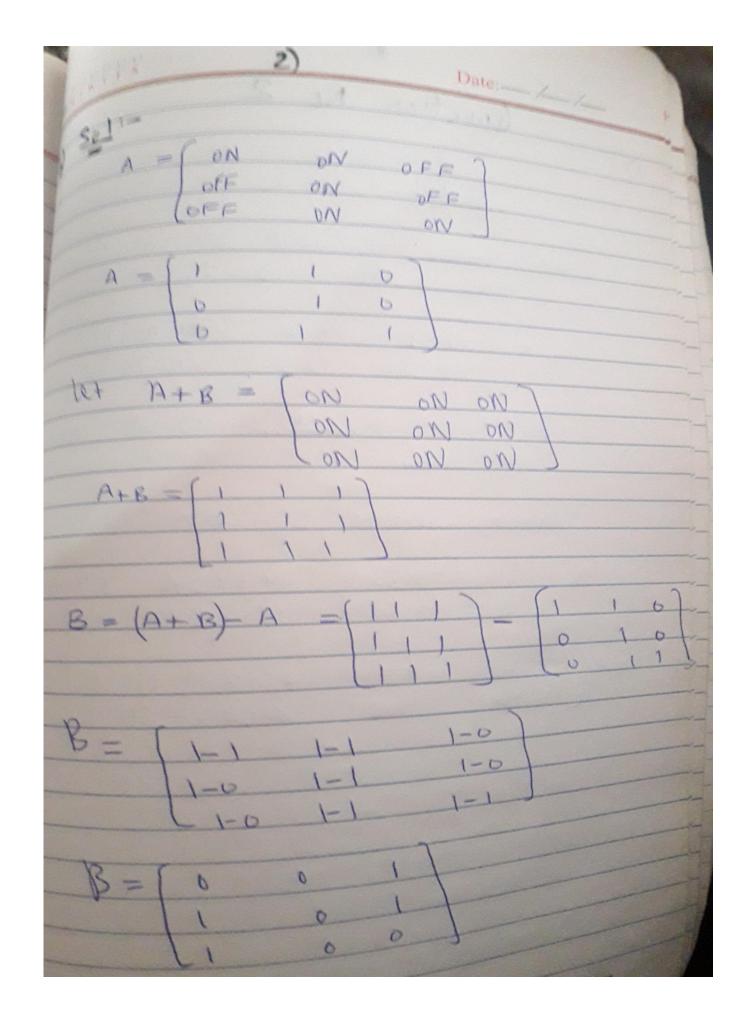
Class Section: A

Date:(8, 1, 2021)

Complex variable

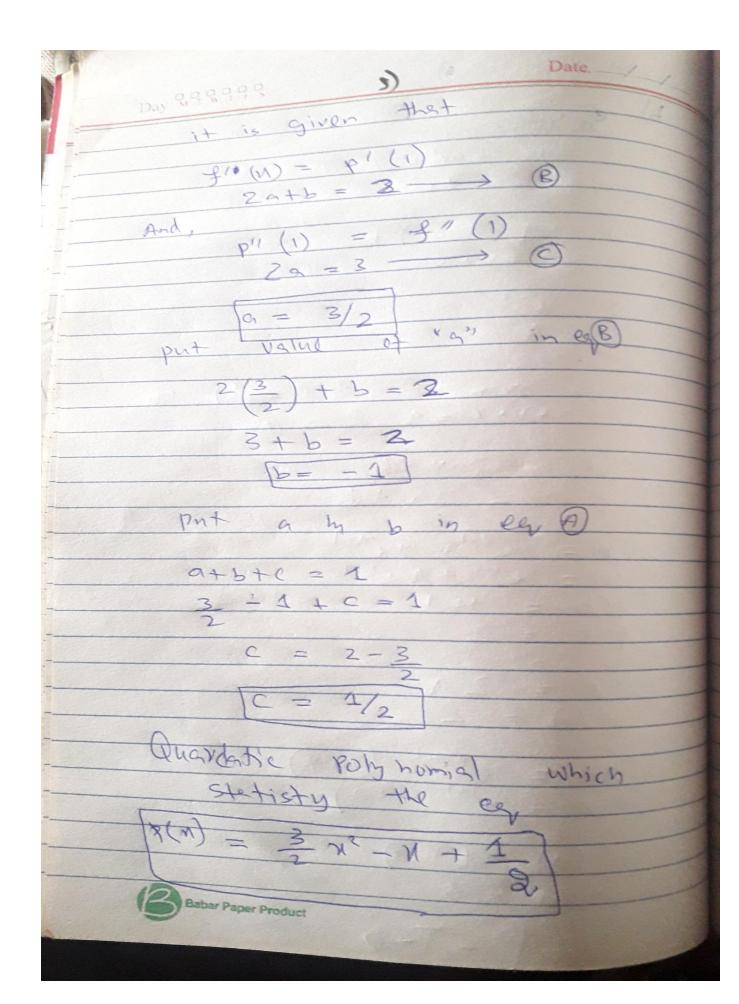
Department of Computer Systems Engineering
University of Engineering and Technology, Peshawar

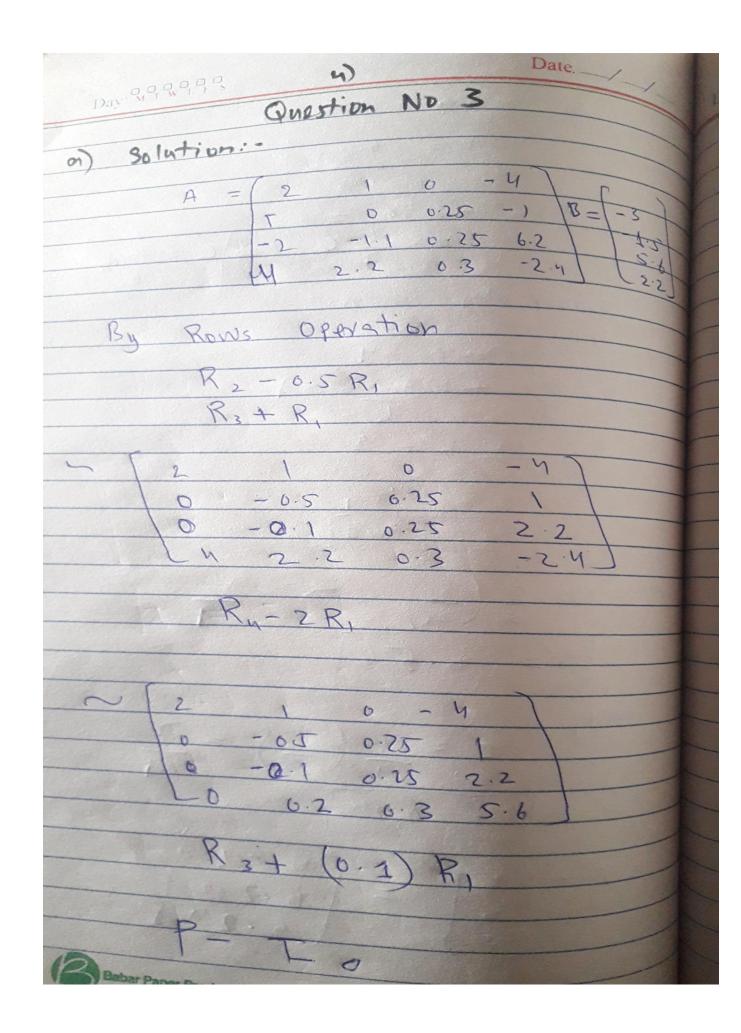


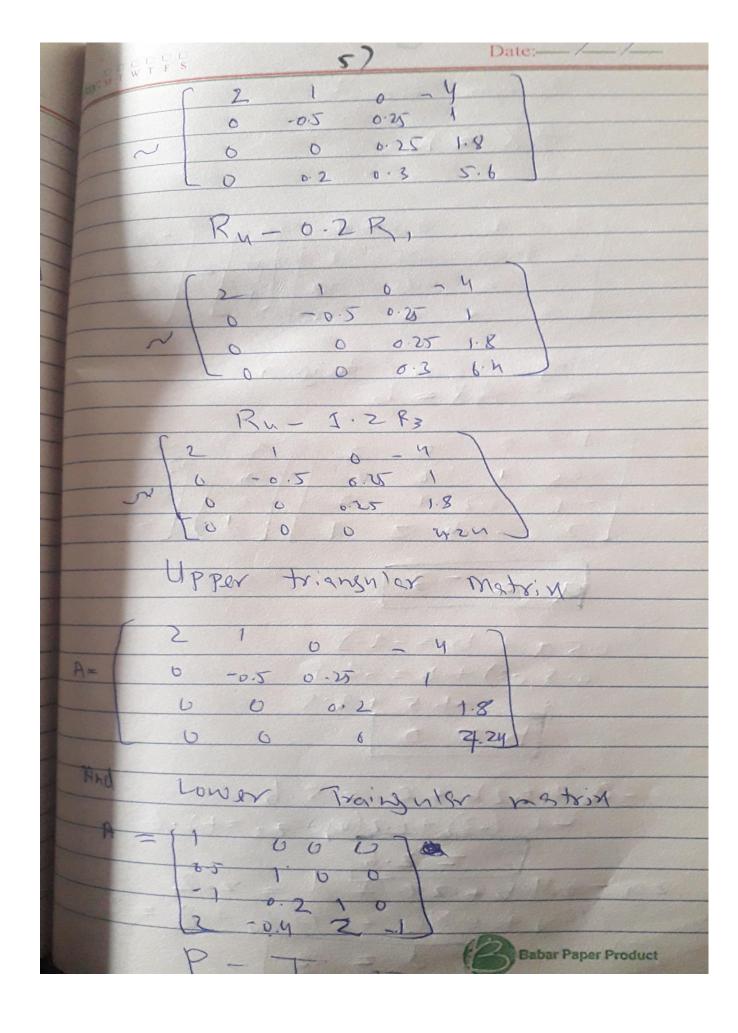


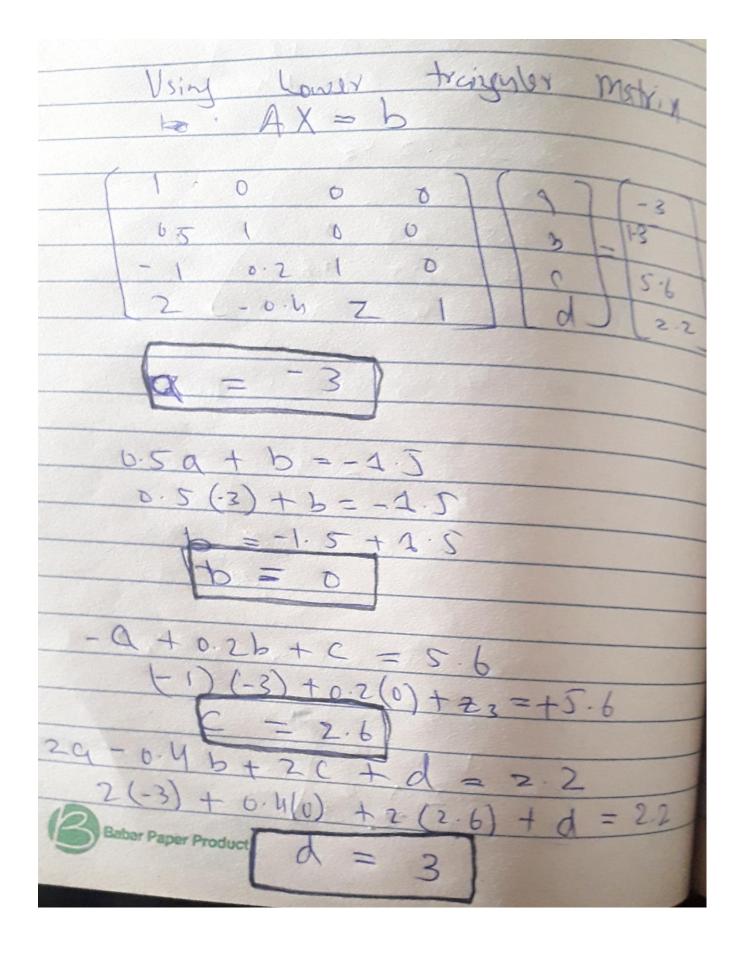
Day 299999 Question No 2 9 5, - [18.95 14.35 8.98 10.70 S, = [17.8 13.30 let combin 8, and sz in 2×3 order as S3 5 = 18.9 14.7 8.98 17.80 13.5 10.70 Sz is information about price of term Prince reduce by 20% 18.95 x 80% 14.7 x 8% 8.9 x 80% - 17.5 × 80°/0 13.5 × 80°/0 10.7 × 80 % 15.16 7.18 8.63 10.8 14.24

4) 18448 b) Solution: $f(x) = x \cdot x - 1$ $f(x) = x \cdot x - 1$ P(1) = a(3)2 + b(1) + c P(1) = a+b+c f(1) = 101-1 g(1) = it is given that \$(1)=P(1), so 9+6+6=1 p'(n) = 2ax+6 P'(1) = 2a + L $f'(N) = e^{N-1} + Ne^{N-1}$ $f'(1) = e^{1-1} + 1e^{1-1}$ f'(0) = 1+P"(x) = 29 P11 (1) = 2 $f''(N) = e^{N(+1)}(2+x)$ $f''(N) = e^{1-1}(2+1)$ f" (N) = (1) (3) \$1 (N) = 3









Oustion No 3 7(V) = AV Now For K = 1/2 f(V) = 0 Plot :-

