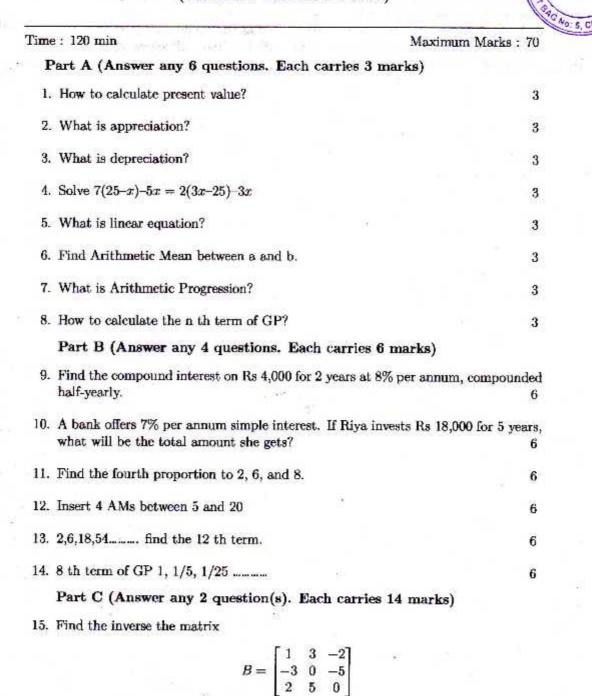
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K25FY2397-C

Second Semester FYUGP Management Studies Examination APRIL 2025 (2024 Admission onwards) KU2DSCBBA104 (BUSINESS MATHEMATICS)

(DATE OF EXAM: 2-5-2025)



16. Find $A^2-5A+6I$ If

$$A = \begin{bmatrix} 2 & 0 & 1 \\ 2 & 1 & 3 \\ 1 & -1 & 0 \end{bmatrix}$$

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17. A) A man sells 7 horses and 8 cows at Rs. 2940 and 5 horses and 6 cows at Rs. 2150. What is the selling price of cach.

B) Find the equilibrium price and quantity exchanged at the equilibrium price if supply and demand function are given by S=20+3P, D=160-2P where 'P' is the price charged. For equilibrium S=D.