Bharati Vidyapeeth (Deemed to be University), Pune Centre for Distance and Online Education School of Distance Education

Name of	f the A	ssignment Setter:	Sonali Pohekar			
Progran	mme:	BBA	A	Semester:	I	
Subject:		Foundation of Business Mathematics				
		l				
Q.1)	Attem	npt ANY ONE of the Following (1000 Words)				
	a)	Find inverse of the $A = \begin{bmatrix} 1 & 2 & 1 \\ 0 & 2 & 3 \\ 0 & 0 & 1 \end{bmatrix}$	following matrix.			
	b)		sed 400 caps for `5500. He sold 30			
Q.2)	Attem	remaining caps at loss of 15%. Find percent profit/loss in total transaction. mpt ANY TWO of the Following (800 Words) (
	a)		divided among three person A, B, mount if Rs. 450 is added to the sh			
	b)	A certain sum of money is deposited in a bank annually for five years at 8% p.a simple interest. If at the end of 5 years the amount standing to the credit of depositor is Rs. 49,600 find the amount deposited each year.				
	c)	Find $A^2 - 2B$, , ,	·		
	d)	Find the present v	value and amount of an ordinar 00 each, the rate of interest be		_	
Q.3)			((08)		
	a)	If 15 men takes 16 or plough 50 acres?	lays to plough 20 acres of land, ho	ow long 25 men	will take to	
	b)	What sum will amou	nt to Rs. 12167 in 5 years at 4% p.	a compound int	erest	
	c)		mar at 15% profit. Amar sold a car		profit for	
	d)	2250 each, the first d	7500 and agrees to repay in semi-aue in 6 months. How many payme unded semi-annually?			
