

SOMAIYA

VIDYAVIHAR UNIVERSITY

Somaiya School of Humanities and Social Science

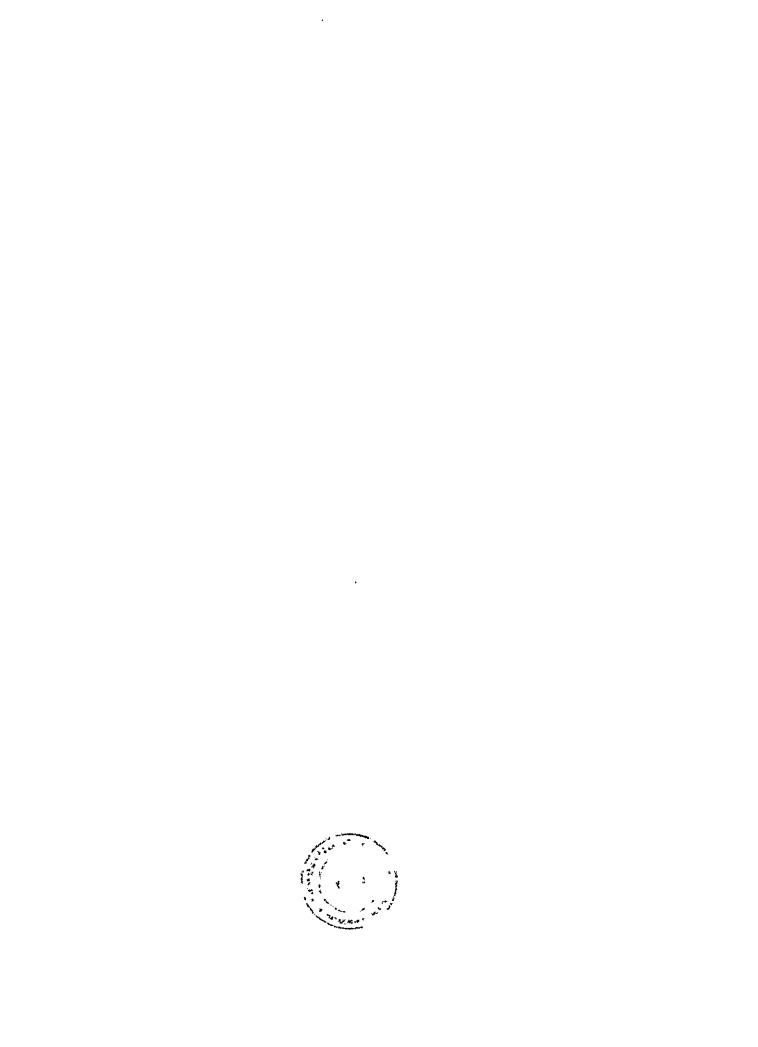
QUESTION PAPERS

BRANCH: Bachelor of Science (Economics)	SEM: II
	APR-2025

Sr. No.	Subject	Available
1.	131U31C203 – Statistics for Economics II	
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		



LIBRARY







Examination: E	April 202 End Semester Examin		(UG/PG P	rnorammes)	
Programme code: Programme: B.sc Economics		Cla	ass: .B.SC	Semester: II	
Name of the Constituent Colleg	e: S K Somaiya		Name of t	he Department: Economics	
Course Code:131U31C203	Name of the Co	urse: S	tatistics F	or Economics-II	
Duration: 2 Hr.	Maximum Marks: 60				
Instructions: 1)Draw neat diagr	ams 2)Assume suita	ble dat	ta if neces	sary 3)	

Questio			-					
n No.							Max.	CO
							Marks	
Q1	Al Perform a	Two-wa	v Anov	a on the given	data	 -	7M	CO 1
				reatment	dutu		1 11/1	CO 1
	Plot of land	Α	В	С	D			
	1	38	40	41	39			
	II .	45	42	49	36	_		
	ill 4	40	38	42	42	_		
	Yarn A Yarn b The strength strength sign	Samp 4 9 are explificant of	followi le size ressed	ng results Sample mean 52 42 in pounds. Is t	Sample variance 42 56 che difference nean strength	in mean	8M	CO 1
	C] From the d suffering fron superior to th	n a dise	ase, sta ntional	te whether th treatment	eatment of 25 e new treatme	0 patients ent is	7M	CO 2
!	Trontmont	Favor		lo. of patient	7-1-1	_		
	Treatment	Favou	rable :	Not Favourable	Total			
	New	140	:	30	170	-		
	Convention al	60	:	20	80			
1	Total	200		50	250	┥ !		ľ

Use 5% l.	0.5		<u> </u>	·		1	
3 44	•					084	6
Di The Man			_			M8	CC
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the popula	ation is kn	own to b	e 3 inches. Te	st the stateme	eight of		
the ,mean	height of	the popu	lation is 67 in	ches at 5% l.o.	s		
Al Fouriob	- LU III N	Mana ta E					
and C in th	is i,ii,iii,iv, ie order Ai	,v are to b	e processed	on three Mach	ines A,B	7M	CC
	e order A						
		Proc	essing Time (Hrs)			
Jobs	Mach	nine A	Machine B	Machine C		į	
1	14		6	24			
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	10	}	10	14			
IV	23	·	9	9			
B] Suggest of I,II,III,IV. The different jo	optimum e time tak bs is giver	en by diff n below. !! 10 12 6 14	nt of 4 worker ferent worker Jobs III 12 15 5 9 n completing	rs A,B,C,D to 4 s in completing	iobs g the	8M	СО
B] Suggest of I,II,III,IV. The different jo	optimum e time tak bs is giver	en by diff n below. !! 10 12 6 14	nt of 4 worker ferent worker Jobs III 12 15 5	rs A,B,C,D to 4 s in completing	jobs g the	8M	СО
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							Bridgest 14ding	and depth
	D] Calcu	late 3 ye	arly movir	ıg average	for the fol	llowing time s	eries	
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	1997	_	48.4					
	1998		45.6					i
	1999		51.2	 -				
	2000		46.8					
	2001		42.5					
	2002		40.7					1
	2003	 	45.1					ļ
	2004		39.6					
	2005		38.8					
	Subject t	00X+80X o constr	(8M 	СО
	$6X_1 + 4X_2 \le 2X_1 + 4X_2 \le$							
					OR			
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		W1	W2	W3	W4	Capacit y		
	P1	10	12	18	22	400		
	P2	22	18	28	26	300		
	P3	30	36	52	40	300		
	Deman d	50	150	350	450			

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	The same of the sa	•						
	D] Find s	solution of As	ssignment pr	oblem using	Maximization	8M	CO _. 4	
				Jobs				
		. [[1]	III	IV			
	Α	·42	35	28	21			
	В	30	25	20	15			
	С	30	25	20	15			
	D	24	20	16	12			_
Q 4	Answer 3	3 Out of 5				15M		
	A] Types	s of Error in H	lypothesis				CO 1	
	B] One W	Vay Anova		CO 2	0			
	C] Trans	portation Pro		CO 3				
	D] Jobs s	equencing		CO 4	:			
	E] Time I	Estimate in N	etwork Analy	⁄sis			соз	