

## SOMAIYA

VIDYAVIHAR UNIVERSITY

Dr. Shantilal K. Somaiya School of Commerce and Business Studies

## **QUESTION PAPERS**

BRANCH: Master of Commerce	SEM: I
(Accounting & Finance)	
	NOV-2024

Sr. No.	Subject	Available
1.	Direct Tax	
2.	231P25C103 – Advanced Research Methodology	
3.	231P25E101 – Operations Research	
4.	231P25K102 – Research Statistical Analysis	
5.		
6.	Yes A	
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		



ATKT March 25

Acc & Fin = sem I



26 08 25

Semester (July 2024 Examination: End Semester Examination Oct	to October 2024) ober/November 202	4 (UG/PG Programmes)			
Programme code: Programme:	Class: FYMAF	Semester: I dispersion for			
Name of the Constituent College:	Name of the Department				
S.K.Somaiya College					
Course Code:	Name of the Course: Direct Tax				
Duration: 2 Hrs.	Maximum Marks: 60				
Instructions: 1) Figures to right indicate full mark	s 2) use simple cale	culator is allowed			

Q. No.							Max. Marks	CO
Q.1	Ajay, Vij	ay and	Sanjay contacted you	to seek adv	ice on profita	bility of their	(15)	CO
	Partnersh	ip Firm	for the year ended on 3	31.3.2024				1,3
			Particula	ars	Amount			
			Gross Profit		8,25,000			
			Interest on Securitie	es	50,000			
			Total		8,75,000	_		
		Less:	Expenses					
			Salaries of Staff		3,50,000			
			Salaries to Partners		1,20,000	1		
			Repairs charges		25,000			
		y	Advertisement		15,000			
			Depreciation		18,500			
		3	Income Tax		12,500			
			Goods and service T	Tax	15,000			
			Interest on Capital o		45,000			
			Printing and Station		12,000			
			Total Expenses		6,13,000			
			Net Profit c/d		2,62,000			
	a) Aia	av. Viia	y and Sanjay are eq	ilial nartners	sharing profi	to and logged		
	eat	ually.	y with Suifuy are or	quai partifers	sharing profit	is allu 108868		
	_		aid to all partners in eq	uial proportio	n			
	c) Inte	erest on	capital is equally paid	to all partner	s @ 15% n a			
	d) Ou	t of Ad	lvertisement expenses	s an amount	of Re 3 000	is spent on		
	ady	vertisem	ent in a magazine of P	Colitical Party	01 105. 5,000	is spent on		
	e) De	preciatio	on allowable u/s 32 of	Income toy ac	t is Do 21 000			
	They want	t to find	d out tax liability pay	vable by the	northership f	man and their		
	individual	income	a out tax madnity pa	yable by the	parmership h	rin and their		
		meome.						
Q.2								
A)	Ms. Ketki	provides	you following inform	nation for the	veer 2022 24	Sho is the	(0)	00
,	owner of ty	wo house	e properties as per foll	owing details	· 2023-24.	She is the	(8)	CO
		. To House	e properties as per ion	owing details	•			
	Partie	culars		Property	Droposty			
	Turth	- aidib		Orchid	Property			
	Muni	icinal Ta	xable Value		Lotus			
		Rental V		5,50,000	7,80,000			
				5,75,000	7,50,000			
	Rent	Receive	d/receivable	50,000 pm	Nil			

	Municipal Taxes					1
	- Paid for 22-23	10,000				
	- Paid for 23-24	15,000	18,000			
	- Payable for 23-24	5,000	12,000			
	Interest on Loan for construction	2,000	12,000		1	
	of house properties	65,500	85,000			
	Ground rent	15,000	8,000			
	Repairs charges	18,500				
	Annual Charge	12,000	9,500			
	Determine his taxable house property inco	me and tax li	500			
	year 2024-25.	onie and tax na	adility for the	Assessment		
Q.2. B)	Smt. Ushalata provides following details	of her incom	no for the re-	1 1	(7)	001
)	31.3.2024.	of her incom	ie for the year	ar ended on	(7)	CO1
	a) Family Pension received Rs. 15,00	() n m				
	b) She is residing in rented property	for which ch	. is maning	C.D.		
	b) She is residing in rented property	for which sh	e is paying a	rent of Rs.		
	20,000 p.m. to the owner of proper	rty. 50% portio	on of this proj	perty she let		
	out to her friend at a monthly rent (	of Rs. 15,000				
	c) She invested following amounts du	iring the year:	11.1			
	- Rs. 3,00,000 – 10% Fixed Deposi	it with Ultra so	ound ltd on 1.	4.23		
	- Rs. 2,00,000 in 8% Debentures of	Ashwin Ltd.				
	d) She is in the receipt of Preference a	and Equity div	idend of Rs. 1	11,500		
	e) She let out plant and machinery (	g) Rs. 10,000	p.m. from 1.1	10.2023 and		
	incurrent repairs charges of Rs. 12,	,500, insurance	e charges paid	for P & M		
	Rs 5,500					
	Determine taxable income and tax liability	for the Assess	sment Year 20	024-25		
	OR					
Q.2	- OK	•				
C)	Explain the steps in Filing of ITR 3 for the	Assessment y	ear 2024-25 i	n detail.	(7)	CO2
D)	1) Calculate the amount of Deductio	n available fo	r company I	J/s 80JJAA	(8)	CO2
	from the following information:			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(0)	002
	- 50 employees appointed on 1.3.202	3 @ a emolum	nent of Rs 22	500		
	- 100 employees appointed on 1.5.2	2023 on a mo	nthly emolur	nent of Rs		
	30,000	on willo		TOTAL OF ICS.		
	- 30 employees appointed on 1.7.20	023 on a mor	nthly emolum	nent of Re		
	21,000	owo on a mor	idily cilioluli	icit of its.		
	- 40 employees appointed on 1.10.2	023 on a mo	nthly emolun	nent of Re		
	20,000	2025 OH a IIIO.	indiny cirioran	dent of its.		
	2) Find out the amount of Scientific					
	Section 35 of the Income Tax Act, 1					
	Scientific Research expenditure of I	Rs. 9,50,000 de	ebited to Prof	it and Loss		
	account which includes:					
	- An amount of Rs. 3,00,000 is incur	rred for install	lation of new	machinery		
	for the purpose of research					
	- An amount of salaries paid to Res	erchers Rs. 1.	50,000 in 20	)22-23. Rs.		
	2,50,000 in 2023-24			,,		
	- Paid Balance amount to National I	aboratory for	the purpose	of carrying		
	out scientific research.	101	Parpose	or our juig		
	THE PERSON AND AND AND AND AND AND AND AND AND AN					

(15)CO<sub>3</sub> Q.3 Mr Arjun Provides you the following details of the income earned by him from A) salaries. He is working with Keke Ltd during the year 2023-24 a) Basic Salary Rs. 35,000 p.m. (from 1.4.23 to 31.8.23) b) Basic Salary Rs. 40,000 p.m. (From 1.9.23 to 31.3.24) c) Dearness allowance @ 45% of basic d) Bonus declared Rs. 85,000 e) Medical allowance Rs. 5,000 p.m. f) Entertainment Allownace Rs. 4,000 p.m. (Actual Expenditure Rs. 30,000) g) He was provided with Rent free furnished accommodation at Ghatkopar. Original cost of Furniture on 1.1.2020 was Rs. 7,00,000 and WDV on 1.4.2023 was Rs. 5,65,000 Other Details provided by him for the year 2023-24 a) Interest received on Saving Bank Account Rs. 9,580 b) Interest on Securities Rs. 5,000 c) He invested Rs. 80,000 in PPF d) He donated Rs. 10,000 to Prime Minister National Relief Fund Determine his taxable income and tax liability for the Assessment Year 2024-25 CO<sub>3</sub> Q.3 (15)B) Following is the Profit and Loss Account of Ram Ltd for the year ended on 31.3.2024 Amount Amount **Particulars Particulars** To Salaries and Wages 7,50,000 By Sales 48,00,000 To Postage 40,000 By Amount To Telephone expenses withdrawn 50,000 To Depreciation from General 5,00,000 To Income Tax 4,00,000 Reserve 3,00,000 To Wealth Tax 10,000 To Excise Duty due 1,00,000 To Provision for future Losses 60,000 To Proposed Dividend 80,000 To Loss of Subsidiary Company 50,000 25,000 To Audit Fees To Directors Remuneration 8,00,000 To Deferred Tax liability 1,35,000 To Net Profit 21,00,000 51,00,000 51,00,000 Additional Information: a) The excise duty due on 31.3.24 was paid on 02.12.2024 b) Custom duty of Rs 1,20,000 which was due on 31.3.2022 was paid during the financial year 2023-24 c) Depreciation as per income tax Act is Rs. 11,43,000 d) The company wants to set off following losses For Tax For Accounting Purpose Purpose Brought forward loss of the year 2022-23 12,00,000 10,00,000 Unabsorbed Depreciation 3,00,000 3,00,000 Find out Total income and tax liability of the company for the Assssment Year 2023-24

Q.4			T'
A)	Explain the Power of Income tax authorities in detail under income tax Act, 1961  OR	(15)	CO4
Q.4.			1
B)	Explain the ICDS – VIII related to Securities (Accounting of Investments)	(7)	CO5
C)	Mr. Umesh is a supplier from Andheri-Mumbai. He engaged in a business of readymade garments. He wants to supply 1,000 shirts @ Rs. 1,000 per shirt to Mr. Mehta at Gujrat through E-Commerce Operator-Snap Deal. Mr. Mehta returned 200 shirts as they are not as per specifications provided. Snap Deal charges commission @10% on Net Sales. The rate of GST is 18% under CGST Act. TDS is to be deducted @1% on payment due to Mr. Umesh and TCS under GST Act, is 1%.  Find out the Net amount payable by flipkart to Mr. Umesh.	(8)	CO5

1:

ATKT March 2025

M. Com Af F



Sem I NEP 27/3/25

November 2024

Examination: End Semester Examination (UG/PG Programmes)

Programme code: 25/24

Programme: Accounting and Finance/ Banking &

**Finance** 

Class: FYMAF/FYMBF

Semester: I

Name of the Constituent College: S K Somaiya College

Name of the Department: Accounting

& Finance

Course Code:

231P25C103/231P24N101 Duration: 1hr and 30 Min Name of the Course: Advanced Research Methodology

**Maximum Marks: 40** 

Instructions: 1) Draw diagrams whenever necessary with pencil 2) Assume suitable data if

necessary

Question No.	ATTEMPT ANY FOUR QUESTIONS OUT OF FIVE. ALL QUESTIONS CARRY EQUAL MARKS	Max. Marks	CO Attainme nt
Q.1	a.Enumerate selection and formulation of Research problem .	5	CO1,CO4
	b.Explain the difference between Quantitative and Qualitative research.	5	CO2,CO3
Q.2	Analyse the type of research by Objective and process in detail.	10	CO1
Q.3	Discuss the methods of collecting Primary data in detail.	10	CO2
Q.4	Excerpt:	10	CO3 and
	In recent years, advancements in technology have significantly		CO4
	reshaped the field of accounting. Automation tools and artificial		
	intelligence (AI) are transforming traditional accounting practices by		
	streamlining processes such as bookkeeping, payroll management, and		
	financial reporting. These technologies allow firms to reduce manual		
	errors, enhance efficiency, and focus more on strategic decision-		
	making. Cloud-based accounting systems have also enabled real-time		
	financial data access, fostering better collaboration between businesses		
	and their accountants.		
	However, this rapid adoption of technology comes with challenges. The		
	risk of cybersecurity threats, data breaches, and compliance with		
	evolving regulations are pressing concerns. Additionally, the shift		
	toward automation raises questions about the future roles of		
	accountants, particularly in smaller firms where resources for upskilling		
	may be limited. Despite these hurdles, the integration of technology		
	into accounting offers unprecedented opportunities for accuracy, cost		
	reduction, and predictive analytics, paving the way for more strategic		
	financial management in organizations worldwide."		

	You are required to create a well-structured research design and include		
	the following components:		
	a. Title		
	b. Abstract (150-200 words)		
	c. Research Objectives		
	d.Research Questions		
	e.Hypothesis		
	f.Methodology		
Q.5	Define research design and explain the steps in research design.	10	CO2



UGI.

M-A-F Semester Novembe 2024 Examination: End Semester Examination November 2024 (PG Programmes) Programme code:02 Class: Programme: Masters of Accounting and Finance Semester: I F.Y.M.A.F Name of the Constituent College: Name of the Department: S K SOMAIYA COLLEGE ACCOUNTING AND FINANCE Course Code: 231P25E101 Name of the Course: OPERATIONS RESEARCH Duration: 2 Hrs. Maximum Marks: 60 Instructions: 1)Draw neat diagrams 2)Assume suitable data if necessary

Question

No.								Max.	Co
Q.1A	A factory	manager	is thinking	or of sive	m = 1 :=1	- 1 1	orkers. The	Marks	Attainment
	job worker	r combina	(5)	CO2					
		Jobs	Work	В	С	D			
		1	500	620	140	440	-		
		2	260	200	80	380	-		
		3	120	80	140	200	-		
		4	260	140	80	500	-		
	Find the	optimum		ment at	nd the	total or	」 ost of this		
	assignmen	t.		one an	id the	total C	ost of this		
Q.1.B.	Obtain a no	etwork di	agram fo	r follow	ing activ	ities of a	project:	(5)	004
	Activity	1-2	1-3	2-3	2-4	3-4	4-5	(5)	CO4
	Duration	20	25	10	12	6	10		
	Also identi	fy the cri	tical path	for proj	ect and	project c	ompletion		
	time.								
Q.1.C.	ARC I td .	manufact							
Q.1.C.	P and O is	Re 40 and	De 90 =	products	P and (	). Profit	per unit for	(5)	CO3
	P and Q is machines h	ours and	one unit	of O rea	ely. One	unit of F	requires 2		
	Availability	of mach	ine hours	s is 48 M	avimun	nachines	nours.		
	for P is 15	units and	for O is	10 units.	Formul	ate as I F	op		
					- 0111141	ato as Li	1		
Q.2.A.	Ram Enterp	orises mai	nufacture	s produc	t in thre	e factori	es located	(15)	CO2
	at three diff	terent area	as and tra	ansports	the finis	hed good	de to cities	(13)	CO2
	A, B and C	. Cost pe	r unit of	transpor	tation is	given he	elow.		
	Determine	the optim	um trans	portation	schedu	le:			
	From	To				Su	pply		
		A	В		C				
	F-1	5	4		10	80			
	F-2	3.5	4.5		7.5	.90			
	F-3	8.5	5.5		7.5	110			
	Demand	60	70	500	150	280			
			0	R					

Q.3.A.	$5x + y \le 30$ $3x + 2y \le 36$ $x, y \ge 0$		Solve by simplex method: Maximize $Z = 5x + 3y$ Subject to								
Q.3.A.											
Q.3.A.	$x, y \ge 0$	)									
Q.3.A.											
	Solve the principle and	obtain	the sa	vo pla addle p	ayer point:	game	by	using	maximin	(05)	CO3
		Player		- In	2 1	D.4	-				
	Player A	B1	B2	В	3	B4					
	A1	-5	3	1		10	-				
	A2	5	5	4		6	-				
	A3	4	-2	0	_	-5	1				
				12010			_				
Q.3.B.										(10)	CO3
Q.3.D.	Britannia	Bakery	sell	s con	fection	nery	items.	Pas	t data of	(10)	CO3
	demand per week in hundred kilograms with frequency is given below:										
		1.	To	6	10	Tic	120	125	7		
	Demand/W	eek	0	5	10	15	20	25	-		
	Frequency		2	11	8	21	5	3			
	Using the for demand for demand per	the ne	sequent 10	uence of wee	of ranks.	dom Also	number find	ers, ge out the	nerate the e average		
	Random	35	52	13	90	23					
	numbers	33	32	13	90	23					
		72	24	57	00	16					
	Random numbers	73	34	57	89	15	'				
	Humbers			OR .							
			•	JK							-
	Find the seq	uence th	at m	inimiz	ed the	tota	elapse	time	for		
Q.3.C.	following jo	bs to be	proc	essed o	on ma	chine	es M-I	and M	-II	(10)	CO3
	Jobs A	В		C	D	1	E	F	G		
	M-I 2	5		4	9		6	8	7		
	M-II 6	8		7	4		3	9	3		
		.1	1.11		C	C. 11			41		
Q.3.D.	Determine problem:	the sa	dale	point	ior	IOIIC	owing	gamıı	ig theory	(05)	CO3
	problem.	Player	r R							1	
		B1	B2	F	33	B4					
	Player A	D1	BZ	1	,,	דע					
	A1	-7.5	4.5	1	.5	15					
	A2	7.5	7.5			9					
	A3	6	-3			-7.5		V174			

Q.4.A.	diagram an	ne , latest st	(15)	CO4			
	Activities Duration		6 5	-4 4-5 12	5-6 6-7 9 12		Auto 197
			OR				11/1 VIETOWAL
Q.4.B.	Following a activities with project:	are the abbroth their three	eviated activit e time estimate	ies and thes of comp	heir predecessor pletion time for a	(15)	CO4
	Activities	Preceding Activities	Optimistic	Most likely	Pessimistic		
	A	-	2	3	4		
	В	-	8	8	8		
	C	A	7	9	11		
	D	В	6	6	6		
	E	С	9	10	11		
	F	С	10	14	18		
	G	C,D	11	11	11		
	Н	F,G	6	10	14		
	I	Е	4	5	6		
	J	I	3	4	5		
	K	Н	1	1	1		
•	Draw the PE project will	ERT network be completed	diagram. Wha d in 40 weeks?	it is the pr	obability that		

Mar. 25: A.T.K.T.

Sam. I.



Research. Stad. Analysis

Examination: End Semester Examination November/December 2024 (PG Programmes)

Programme code: 24/25
Programme: Accounting & Finance/Banking & FYMAF/FYM BF

Name of the Constituent College: S.K. Somaiya College

Name of the Department: Accounting and Finance

Course Code:
231P25K102/231P24N102

Name of the Course: Research Statistical Analysis

Duration: 1 Hrs.

Maximum Marks: 30

Instructions: 1)Draw neat diagrams 2)Assume suitable data if necessary

Question No.		Max. Marks	Co Attainmen					
Q.1	[A]Calculate the following	e Mean I	Deviation f	rom Mean	and its Co	efficient for	(5)	Co 1
	Class- interval	0-10	10-20	20-30	30-40	40-50		
	Frequency	15	20	40	20	5		
	[B] The follo	consumpt	tion	Consumpt	ion of elec	tricity. Find	(5)	Co 1
1-2	No	o. of Unit	S	No	. of Consu	mers		
		0-200			8		,	
		200-400			18			
		400-600 600-800			27			
		00-1000			35			
		000-1200			25			
		200-1400			18			
	14	100-1600			11	а		
Q.2	[A] If X is a P(X=x)=kx; Find value of	x=0,1,2,3	3,4	ving proba	ability mass	s function	(5)	Co 2
	[B] A Box Co from the box. selected ii) at	(5)	Co 2					
Q.3	[A]From the further estimate	(5)	Co 3					
		X			Y			
		3			12			
		4			11			

	6 15						
	10		16				
	12		19				
	[B] Given th	(5)	Co 3				
	1	t of Correlation uation 2X+3Y=5 a	nd 5X+8Y=13				
Q.4	[A] [A] Stren	[A] [A] Strength test carried out on samples of two Yarn spun					
	to the same c						
		Sample size	Sample mean	Sample variance			
	Yarn A	4	52	42			
	Yarn b	9	42	56			
	The strength strength sign sources from [B] The result on the opinion	(5)	Co 4				
	Gender	entertaining	Education	West of time			
	Male	52	28	30			
	Female	28	12	50			
	Is this evide association b						



 Table 2:
 Critical Values of Student's t-Distribution

		Levelofsi	gnificance for t	wo-tailed test			
d.f.	0.20	9.10	0.05	0.02	0.01	d.f	
		Levelotsi	enificance for o	me-tailed test			
	0.10	0.05	0.025	0.01	0.005		
				21.001		1	
1	3.078	6.314	12.706	31.821	63.657	1	
2	1.886	2.920	4.303	6.965	9.925	2 3	
3	1.638	2.353	3.182	4.541	5.841 4.604	4	
4	1.533	2.132	2.776 2.571	3.747 3.365	4.032	5	
5	1.476	2.015					_
6	1.440	1.943	2.447	3.143	3.707	6	
7	1.415	1.895	2.365	2.998	3.499	7	
8	1.397	1.860	2.306	2.896	3.355	8	
9	1.383	1.833	2.262	2.821	3.250	9	
10	1.372	1.812	2.228	2.764	3.169	10	
11	1.363	1.796	2.201	2.718	3.106	11	
12	1.356	1.782	2.179	2.681	3.055	12	
13	1.350	1.771	2.160	2.650	3.012	13	
14	1.345	1.761	2.145	2.624	2.977	14	
15	1.341	1.753	2.731	2.602	2.947	15	
16	1.337	1.746	2.120	2.583	2.921	16	
17	1.333	1.740	2.110	2.567	2.898	17	
18	1.330	1.734	2.101	2.552	2.878	18	
19	1.328	1.729	2.093	2.539	2.861	19	
20	1.325	1.725	2.086	2.528	2.845	20	
21	1.323	1.721	2.080	2.518	2.831	21	
22	1.321	1.717	2.074	2.508	2.819	22	
23	1.319	1.714	2.069	2.500	2.807	23	
24	1.318	1.711	2.064	2.492	2.797	24	
25	1.316	1.708	2.060	2.485	2.787	25	
26	1.315	1.706	2.056	2.479	2.779	26	
27	1.314	1.703	2.052	2.473	2.771	27	
28	1.313	1.701	2.048	2.467	2.763	28	
29	1.311	1.699	2.045	2.462	2.756	29	
Infinity	1.282	1.645	1.960	2.326	2.576	Infinity	

ONEGOV