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	Question Type ⬍	Question ⬍	A ⬍	B ⬍	C ⬍	D ⬍	Answer ⬍	Remark ⬍
☐	FBQ	An event that must happen is called ▯ __+C24	Sure events or certain event					eExam
☐	FBQ	▯ _event is an event that will never happen.	impossible					eExam
☐	FBQ	If A and B are two matrices with the same dimension is called ▯	matrix addition					eExam
☐	FBQ	Solve the inequalities: 2(X - 3) < 4. ▯	X < 5					eExam
☐	FBQ	An ▯ _is simply a statement that two numbers are not equal.	inequality					eExam
☐	FBQ	A ▯ __equation system is a set of equations with two or more unknown.	simultaneous					eExam
☐	FBQ	This symbol S dates back to Leibniz and it is called ▯ sign.	integral					eExam
☐	FBQ	The conditional probability of a given B is denoted by ▯	Pr (A/B)					eExam
☐	FBQ	The rate of interest that a bond pays to the bondholder is called the ▯	coupon rate					eExam

☐	FBQ	_____ is the fee charged for the privilege of borrowing money.	interest					eExam
☐	FBQ	Formula for sinking fund _____	R = Ai / (1+i)n -1					eExam
☐	FBQ	_____ recommended "the Creation of a Fund.	Lord North					eExam
☐	FBQ	William Pitt the Younger drafted a proposal to reform the Sinking Fund in _____	1786					eExam
☐	FBQ	The sinking fund was first used in Great Britain in the _____ th century.	18	eighteen				eExam
☐	FBQ	Cash Flow from financing activities includes _____ and buying back capital stock.	issuing					eExam
☐	FBQ	Cash Flow from investing activities includes purchasing and _____ long-term assets and marketable securities.	selling					eExam
☐	FBQ	Cash Flow Indicator Ratios: Free Cash Flow/ _____	Operating Cash Flow Ratio					eExam
☐	FBQ	_____ of cash flow can be used for calculating other parameters that give information on a company's value and situation.	measurement					eExam
☐	FBQ	Variable annuities can grow tax deferred until _____	withdrawn					eExam
☐	FBQ	_____ are invested primarily in government securities and high-grade corporate bonds.	Fixed annuities					eExam

☐	FBQ	There are [____] types of annuities and annuities due.	two					eExam
☐	FBQ	Real number can be represented by a " [____] _decimal".	non-terminating					eExam
☐	FBQ	The set of real numbers and its properties is called the [____]	real number system					eExam
☐	FBQ	The [____] numbers are those real numbers.	rational					eExam
☐	FBQ	Let B = {x | x²= 4, x is odd}, Then [____] is the empty set.	B					eExam
☐	FBQ	Let E={x | x²–3x = -2}, F= {2,1} and G ={1,2,2, 1}. Then [____]	E= F= G					eExam
☐	FBQ	[____] is a set contains no elements.	null set					eExam
☐	FBQ	Let A = {1, 2, 3, 4} and B= {3, 1, 4, 2}. Then [____]	A=B					eExam
☐	FBQ	Let N = {0,2,4,6,8........}.Then N is [____]	infinite					eExam
☐	FBQ	Elements are separated by commas and enclosed in [____]	bracket					eExam
☐	FBQ	A [____] equation system is a set of equations with two or more unknown.	simultaneous					eExam
☐	FBQ	Par amount is also referred to as [____] amount.	face					eExam

☐	FBQ	A [____] rate bond has a coupon rate that is pegged to a benchmark, such as libor, and is adjusted periodically.	floating				eExam
☐	FBQ	Zero coupon bonds are issued at a discount to [____] value.	par				eExam
☐	FBQ	The rate of interest that a bond pays to the bondholder is called [____]	coupon rate				eExam
☐	FBQ	[____] __are a way for markets and participants to easily transfer the ownership of debt obligations from one party to another.	debt instruments	debt instrument			eExam
☐	FBQ	Interest that is computed on the previously accumulated interest as well as on the principal is called [____] interest.	compound				eExam
☐	FBQ	Interest that is computed on the principal alone is called [____] interest.	simple				eExam
☐	FBQ	[____] is the fee charged for the privilege of borrowing money.	interest				eExam
☐	FBQ	Cash flow can be used as an indication of a company's [____] strength.	financial				eExam
☐	FBQ	An accounting statement called the [____]	statement of cash flows				eExam
☐	FBQ	Cash flow can be used to evaluate the 'quality' of income generated by [____]	accrual accounting.				eExam

☐	FBQ	[____] is the movement of money into or out of a business, project, or financial product.	cash flow	cashflow			eExam
☐	FBQ	A [____] annuity is a contract between you and an issuer.	variable				eExam
☐	FBQ	[____] are invested primarily in government securities and high-grade corporate bonds.	Fixed annuities				eExam
☐	FBQ	A [____] is an annuity for which the payments continue forever.	perpetuity				eExam
☐	FBQ	An event that must happen is called [____] ___.	Sure events	certain event			eExam
☐	FBQ	An [____] is an annuity whose payments are made at the beginning of each period.	annuity-due	annuity due			eExam
☐	FBQ	A [____] annuity is a contract between you and an issuer.	variable				eExam
☐	FBQ	The [____] of an annuity entails concepts such as time value of money interest rate, and future value.	valuation	valuations			eExam
☐	FBQ	[____] can be structured according to a wide array of details and factors.	annuities				eExam
☐	FBQ	The real number a is less than the real number [____]	b				eExam
☐	FBQ	The irrational numbers are those real numbers which are not [____]	rational				eExam

☐	FBQ	We denote the set of natural numbers by	N					eExam
☐	FBQ	The natural numbers are the positive	integers	integer				eExam
☐	FBQ	We denote the set of rational numbers by	Q					eExam
☐	FBQ	The integers are also referred to as the " __" numbers.	whole					eExam
☐	FBQ	Let A be a subset of B. Then B' is a subset of	A					eExam
☐	FBQ	Let E = {2, 4, 6, ...}, that is, the even	numbers					eExam
☐	FBQ	The of a set A is the set of elements that do not belong to A	complement					eExam
☐	FBQ	The of sets A and B is the set of elements which are common to A and B.	Intersection					eExam
☐	FBQ	Both A and B are always subsets of A and B that is, A⊂ (A∪B) and (A∪B)	B⊂					eExam
☐	FBQ	Let E = {x, y, z} and F = {r, s, t}, Then E and F are	disjoint					eExam
☐	FBQ	The family of all the subsets of any set S is called the set of S	power					eExam
☐	FBQ	Two sets A and B are said to be comparable if: A⊂B or	B⊂A					eExam

☐	FBQ	If every element in a set A is also a member of a set B, then A is called [____] of B.	subset					eExam
☐	FBQ	Let A = {1, 2, 3, 4} and B = {3, 1, 4, 2}. Then [____] = B	A					eExam
☐	FBQ	We denote the equality of sets A and B by: A= [____]	B					eExam
☐	FBQ	Let M be the set of the days of the week. The [____] is finite	M					eExam
☐	FBQ	Sets can be [____] or infinite.	finite					eExam
☐	FBQ	[____] diagram usually bounded by a circle.	venn					eExam
☐	FBQ	If no element of A is in B and no element of B is in A, then we say that A and B are [____] .	disjoint					eExam
☐	FBQ	Sets will usually be denoted by [____] letters	capital					eExam
☐	FBQ	A [____] is any well-defined list, collection or class of objects.	set					eExam
☐	FBQ	If A and B are independent events with Pr(A) = 0.05 and Pr(B) = 0.65 Find- Pr(A/B) [____]	0.325					eExam
☐	MCQ	The conditional probability of a given B is denoted by _____	Pr (B/B)	Pr (A/A)	Pr (A/B)	Pr (AA/B)	C	eExam

	MCQ	An _____ is a rule or principle that is, generally, believed to be true.	mioax	axiom	frequentist	relative	B	eExam
	MCQ	_____rule describes how personal opinion evolves with experience _____.	charma	oxford	charly	bayes	D	eExam
	MCQ	The set of all possible subset of a sample space is called the _____.	event space	complementary event	contemporary event	none of the above	A	eExam
	MCQ	An event that must happen is called _____.	simple	none	Sure events or certain event	all of the above	C	eExam
	MCQ	_____event is an event that will never happen.	possible	impossible	outcome	none of the above	B	eExam
	MCQ	If A is an (m x n) matrix and K is a real number (or scalar), then KA is a _____	scalar multiplication	scalar addition	scalar chain	all of the above	A	eExam
	MCQ	If A and B are two matrices with the same dimension is called _____	matrix division	matrix multiplication	matrix subtraction	matrix addition	D	eExam
	MCQ	Solve the inequalities: $3 - 2X < 6$. _____	$X \leq -3/3$	$X \leq -3/9$	$X \leq -3/4$	$X \leq -3/2$	D	eExam
	MCQ	Solve the inequalities: $2(X - 3) < 4$. _____	$X < 3$	$X < 9$	$X < 5$	$X < 10$	C	eExam
	MCQ	An _____is simply a statement that two numbers are not equal.	simple	regression	inequality	square	C	eExam
	MCQ	Suppose f is a linear function with slope of 2 and f(4) = 8, find f(x)_____	f(x) = 6x	f(x) = 2x	f(x) = 9x	f(x) = 15x	B	eExam
	MCQ	Solve for X and Y in the system of equations: $3X - 4Y = 13$……equ 1, $3Y + 2X = 3$ …….equ 2. _____	X = 3; Y = -1.	X = 7; Y = -1.	X = 3; Y = -4.	X = 2; Y = -9.	A	eExam
	MCQ	A _____equation system is a set of equations with two or more unknown.	function	linear	multiple	simultaneous	D	eExam
	MCQ	This symbol S dates back to Leibniz and it is called _____ sign.	longitude	integral	sum	all of the above	B	eExam

☐	MCQ	Write down a regular partition for [1, 8], n = 7. _____	[1, 2, 3, 4, 5, 6, 7, 8]	[1, 2, 3, 4, 5, 6]	[1, 2, 5, 6, 7, 8]	[1, 2, 3, 4, 5, 8]	A	eExam
☐	MCQ	_____programming deals with the optimization (maximization or minimization) of a function of variables.	matrix	basic	functional	linear	D	eExam
☐	MCQ	_____amount is also referred to as face amount.	debiting	par	float	selling	B	eExam
☐	MCQ	The _____ amount of a bond is the amount of principal that the bondholder will receive at maturity.	buying	past	part	par	D	eExam
☐	MCQ	_____-rate bonds have the advantage of being less volatile in price.	corporate	investors	Floating	amount	C	eExam
☐	MCQ	_____ coupon bonds do not make coupon payments during the life of the bond.	minus	zero	addition	subtraction	B	eExam
☐	MCQ	The rate of interest that a bond pays to the bondholder is called the _____.	coupon rate	bonus rate	fixed rate	all of the above	A	eExam
☐	MCQ	_____are a way for markets and participants to easily transfer the ownership of debt obligations from one party to another.	borrowing	financing	budgeting	Debt instruments	D	eExam
☐	MCQ	Suppose you invest #2000 at an annual interest rate of % 6. Find your balance at the end of 1 year if interest is compounded yearly _____	#3111	#2120	#6579	#1345	B	eExam
☐	MCQ	Interest that is computed on the previously accumulated interest as well as on the principal is called _____interest.	simple	borrowed	compound	none of the above	C	eExam
☐	MCQ	Interest that is computed on the principal alone is called _____ interest.	simple	compound	multiple	lower	A	eExam
☐	MCQ	_____ is the fee charged for the privilege of borrowing money.	borrowing	buying	payment	interest	D	eExam

	MCQ	Formula for sinking fund _____	R = Ki / (1+i)n -1	R = Fi / (1+i)n -1	R = Bi / (1+i)n -1	R = Ai / (1+i)n -1	D	eExam
	MCQ	A _____ fund is a fund established by an economic entity by setting aside revenue over a period of time.	sinking	amortization	loan	capital	A	eExam
	MCQ	_____ recommended "the Creation of a Fund.	utam North	Lord North	francis North	Lord lugard	B	eExam
	MCQ	William Pitt the Younger drafted a proposal to reform the Sinking Fund in _____.	1997	2004	2001	1786	D	eExam
	MCQ	The sinking fund was first used in Great Britain in the _____ th century.	18	22	56	13	A	eExam
	MCQ	Cash Flow from financing activities includes _____ and buying back capital stock.	debiting	issuing	crediting	selling	B	eExam
	MCQ	Cash Flow from investing activities includes purchasing and _____ long-term assets and marketable securities.	loosing	buying	selling	distributing	C	eExam
	MCQ	_____is preferred by most firms because is shows a reconciliation from reported net income to cash provided by operations.	multiple method	single method	indirect method	all of the above	C	eExam
	MCQ	_____ is most often defined as operating cash flow minus capital expenditures.	Free cash flow	free asset	time value	none of the above	A	eExam
	MCQ	Cash Flow Indicator Ratios: Free Cash Flow/ _____	Operating Cash Flow Ratio	demand Cash Flow Ratio	payment cash flow	all of the above	A	eExam
	MCQ	_____indicates whether a company is able to generate sufficient positive cash flow to maintain and grow its operations	operational cash flow	ratio	financial analysis	fixed cash flow	A	eExam
	MCQ	_____ of cash flow can be used for calculating other parameters that give information on a company's value and situation.	measurement	value	regression	multiple	A	eExam

☐	MCQ	_____ is the movement of money into or out of a business, project of financial report.	money	present value	cash flow	cash in	C	eExam
☐	MCQ	Variable annuities can grow tax deferred until _____	transfer	money	payment	withdrawn.	D	eExam
☐	MCQ	A _____annuity is a contract between you and an issuer.	constant	time	variable	Fixed annuities	C	eExam
☐	MCQ	There are _____ basic types of fixed annuities	two	ten	twelve	five	A	eExam
☐	MCQ	_____ are invested primarily in government securities and high-grade corporate bonds.	total	variable	deferred annuity	Fixed annuities	D	eExam
☐	MCQ	A _____ is an annuity for which the payments continue forever.	cash interest	perpetuity	perpetual	sindication	B	eExam
☐	MCQ	The final value of a 7 year annuity-due with nominal annual interest rate 9% and monthly payments of $100 _____	25745	#13,730.06	11730.01	46990	C	eExam
☐	MCQ	An _____due is an annuity whose payments are made at the beginning of each period.	annuity	sum	optimal	all of the above	A	eExam
☐	MCQ	The present value of a 5 year annuity with nominal annual interest rate 12% and monthly payments of $100 is _____	300.12	500.54	#4,474	4495.5	D	eExam
☐	MCQ	The_____ of an annuity entails concepts such as time value of money, interest rate, and future value.	compound	amortization	valuation	interest	C	eExam
☐	MCQ	_____are required at the end of each period.	ordinary lump	Ordinary Annuity	sinking	set	B	eExam
☐	MCQ	Annuities are primarily used as a means of securing a steady _____ for an individual during their retirement years.	cash flow	annuity	cost	none of the above	A	eExam
☐	MCQ	There are _____types of annuities and annuities due.	one	nine	six	two	D	eExam

☐	MCQ	_____are essentially a series or fixed payments required from you or paid to you at a specified frequency over the course of a fixed time period.	ratio	lump sum	annuities	sinking fund	C	eExam
☐	MCQ	A function f of A onto B is called a _____ function if the same element of b𝓔B is assigned to every element in A.	consonant	constant	matrix	set	B	eExam
☐	MCQ	Real number can be represented by a "_____decimal".	non-terminating	determine	optimal	all of the above	A	eExam
☐	MCQ	The natural numbers are the _____ integers.	positive	negative	multiple	sample	A	eExam
☐	MCQ	The _____numbers are those real numbers.	rational	irrational	national	none of the above	A	eExam
☐	MCQ	The set of real numbers and its properties is called the _____.	real number system	real number power	real mapping system	all of the above	A	eExam
☐	MCQ	The family of all the subsets of any set S is called the _____ set of S.	power	square	matrix	all of the above	A	eExam
☐	MCQ	If every element in a set A is also a member of a set B, then A is called _____of B.	finite	empty	subset	none of the above	C	eExam
☐	MCQ	Let B = {x | x²= 4, x is odd}, Then _____ is the empty set.	A	X	4	B	D	eExam
☐	MCQ	_____ is a set contains no elements.	minus	plus	null set	square	C	eExam
☐	MCQ	Let E={x | x²–3x = -2}, F= {2,1} and G ={1,2,2, 1}. Then _____	E= F= G	F= F= G	G= F= G	F= G	A	eExam
☐	MCQ	Let A = {1, 2, 3, 4} and B= {3, 1, 4, 2}. Then _____	A	A = A	B = B	A = B	D	eExam
☐	MCQ	Let N = {0,2,4,6,8........}.Then N is _____	finite	infinite	latitude	upper	B	eExam
☐	MCQ	Let M be the set of the days of the week. The M is _____	square	infinite	finite	all of the above	C	eExam
☐	MCQ	Sets can be _____ or infinite.	finite	set	definite	none of the above	A	eExam

☐	MCQ	State in words and then write in tabular form C = {x} | x _____	C=X	C=B	C=P	C=Ø	D	eExam
☐	MCQ	State in words and then write in tabular form B = {x} | x-2=5}_____	hence B = {9}	hence B = {8}	hence B = {7}	hence B = {5}	C	eExam
☐	MCQ	State in words and then write in tabular form A = {x} | x ² = 4²} _____	A = {2, -4}	A = {2, -2}	A = {4, -2}	A = {2}	B	eExam
☐	MCQ	Elements are separated by commas and enclosed in _____	bracket	dash	minus	plus	A	eExam
☐	MCQ	Let A consist of numbers 1,3,7, and 10, then we write _____	A={1,3,7}	A={1,3,10}	A={3,7,10}	A={1,3,7,10}	D	eExam
☐	MCQ	_____case letters will usually represent the elements in our sets.	middle	upper	lower	all of the above	C	eExam
☐	MCQ	Sets will usually be denoted by _____ letters.	small	capital	arrow	square	B	eExam
☐	MCQ	A _____ is any well-defined list, collection or class of objects".	set	matrix	latitude	longitude	A	eExam

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