ENTRANCE EXAMINATION FOR ADMISSION, MAY 2010.

Ph.D. (MANAGEMENT) COURSE CODE: 117

Register	Number	:			



Signature of the Invigilator (with date)

COURSE CODE: 117

Time: 2 Hours

Max: 360 Marks

Instructions to Candidates:

- 1. Write your Register Number within the box provided on the top of this page and fill in the page 1 of the answer sheet using pen.
- Do not write your name anywhere in this booklet or answer sheet. Violation of this entails disqualification.
- 3. Read each question carefully and shade the relevant answer (A) or (B) or (C) or (D) in the relevant box of the ANSWER SHEET using HB pencil.
- 4. Avoid blind guessing. A wrong answer will fetch you −1 mark and the correct answer will fetch 4 marks.
- Do not write anything in the question paper. Use the white sheets attached at the end for rough works.
- 6. Do not open the question paper until the start signal is given.
- 7. Do not attempt to answer after stop signal is given. Any such attempt will disqualify your candidature.
- 8. On stop signal, keep the question paper and the answer sheet on your table and wait for the invigilator to collect them.
- 9. Use of Calculators, Tables, etc. are prohibited.

1.		absence of a sense of outrage and consibility.	grief a	at national tragedy is an - of moral					
	(A)	intervention	(B)	energising					
	(C)	abdication	(D)	administration					
2.	One of the essential characteristic of research is								
	(A)	Replicability	(B)	Generalizability					
	(C)	Usability	(D)	Objectivity					
3.	Fixe	Fixed cost per unit							
	(A)	fluctuates with the volume of produc	tivity						
	(B)	varies in sympathy with the volume	of sale	es					
	(C)	remains fixed							
	(D)	none of the above							
4.	Lon	g Term Solvency is indicated by							
	(A)	Current Ratio	(B)	Debt Equity Ratio					
	(C)	Net Profit Ratio	(D)	Liquidity Ratio					
5.	Overhead refers to								
	(A)	Direct Expenses	(B)	Capital Expenses					
	(C)	Indirect Expenses	(D)	None of the above					
6.	Working capital management comes under								
	(A)	Financing Decision	(B)	Liquidity Decision					
	(C)	Investment Decision	(D)	Dividend Decision					
7.	Whi	ch of the following is a staff function?							
	(A)	Selling	(B)	Accounting					
	(C)	Production	(D)	Project Management					
8.	For project management, the preferred organization structure is								
	(A)	Functional structure	(B)	Matrix structure					
	(C)	Divisional structure	(D)	SBU structure					
9.	Whi	ch type of leadership is likely to provid	e bett	er decisions?					
	(A)	Autocratic leadership	(B)	Democratic leadership					
	(C)	Delegative leadership	(D)	Dictatorial leadership					
10.	Whi	ch one of the following is a method of d	eprec	iation?					
	(A)	Moving average method	(B)	Weighted average method					
	(C)	Cyclical method	(D)	Diminishing balance method					

11.	Retu	urn on assets (ROA) is		
	(A)	Gross Income / Fixed Assets	(B)	Net income / Fixed Assets
	(C)	Gross income / Total Assets	(D)	Net Income / Total Assets
12.	The	term current asset does not include		
	(A)	Payment in Advance	(B)	Bills Receivable
	(C)	Land and building	(D)	Stock
13.	Brea	ak even analysis assume that		
	(A)	Average unit cost increases as pro-	duction i	ncreases
	(B)	Fixed cost increases as the produc	tion incre	eases
	(C)	Selling price is constant		
	(D)	Total revenue is constant		
14.	The	area under standard normal curve	within +	or – 2 sigma limit is
	(A)	approximately 90%	(B)	approximately 94%
	(C)	approximately 98%	(D)	approximately 99%
15.	Pric	e elasticity of demand		
	(A)	is always positive	(B)	is always negative
	(C)	is always an integer	(D)	is always a fraction
16.	In a	"Perfect Competition"		
	(A)	Products are differentiated		
	(B)	Buyers are knowledgeable about the	he produ	ct
	(C)	Price is controlled by the market le	eader	
	(D)	Entry to new sellers are restricted		
17.		Annual consumption is 4,000 kg; cos 2 per kg; storage and carrying cost i	-	ng one order is Rs. 5; Cost Per Unit is average inventory, the EOQ will be
	(A)	400 units	(B)	500 units
	(C)	200 units	(D)	100 units
18.	In n	normal distribution, the greek symbo	ol "Mu" st	ands for
	(A)	Mean	(B)	Median
	(C)	Mode	(D)	Skewness

19.	Solv	e the following game.			
				Playe	r B
				1	2
		Player A	1	3	4
			2	4	1
	The	value of the game is			
	(A)	2.25		(B)	3.25
	(C)	4.25		(D)	None of the above
20.	corr				ty are 20 weeks and 15 weeks. The 000, respectively. The slope of that
	(A)	Rs. 50 (B) Rs. 100		(C)	Rs. 150 (D) Rs. 200
21.	Posi	tive income effect is greater than	neg	ative s	ubstitution effect in case of
	(A)	Normal goods		(B)	Inferior goods
	(C)	Luxury goods		(D)	Giffen goods
22.	Will	ingness to pay – actual payment is	s eq	ual to	
	(A)	Suppliers surplus		(B)	Consumers surplus
	(C)	Producers surplus		(D)	None
23.	'I an	n OK – You are OK' goes with			
	(A)	Eric Berne		(B)	Freud
	(C)	Stephen Covey		(D)	None of the above
24.	E-B	usiness is promising because			
	(A)	It eliminates geographical limita	tio	ns	
	(B)	It eliminates time restrictions			
	(C)	It cuts costs			

(D) All of the above

- The business of eBay may be called as
 - (A) B2C e-commerce

(B) B2B e-commerce

(C) C2C e-commerce

(D) C2B e-commerce

Fill up the blanks with the pair of words given under (A) or (B) or (C) or (D).

- - (A) Quality survival

(B) Basis - growth

(C) Existence - upliftment

- (D) Chances improvement
- 27. The rate of violent crime in this state is up 30 percent from last year. The fault lies entirely in our court system: Recently our judges' sentences have been so lenient that criminals can now do almost anything without fear of a long prison term.

The argument above would be weakened if it were true that

- (A) 85 percent of the other states in the nation have lower crime rates than does this state.
- (B) white collar crime in this state has also increased by over 25 percent in the last year.
- (C) 35 percent of the police in this state have been laid off in the last year due to budget cuts.
- (D) polls show that 65 percent of the population in this state oppose capital punishment.
- 28. Acme brand aspirin claims to be the best headache relief available on the market today. To prove this claim, Acme called 10 people and asked them their thoughts on headache relief products. All 10 of them stated that they unequivocally use Acme brand aspirin on a regular basis and that they believe it to be the best headache relief available on the market today.

Which of the following would most weaken this argument?

- (A) Acme brand aspirin is highly addictive.
- (B) The 10 people called were married to the company's top 10 executives, and they were coached on what to say.
- (C) Most people choose to suffer silently through their headaches and take no medicines whatsoever.
- (D) This survey was conducted by an independent company.

29. Stronger patent laws are needed to protect inventions from being pirated. With that protection, manufacturers would be encouraged to invest in the development of new products and technologies. Such investment frequently results in an increase in a manufacturer's productivity.

Which of the following conclusions can most properly be drawn from the information above?

- (A) Stronger patent laws tend to benefit financial institutions as well as manufacturers.
- (B) Increased productivity in manufacturing is likely to be accompanied by the creation of more manufacturing jobs.
- (C) Manufacturers will decrease investment in the development of new products and technologies unless there are stronger patent laws.
- (D) Stronger patent laws would stimulate improvements in productivity for many manufacturers.
- 30. There are far fewer children available for adoption than there are people who want to adopt. Two million couples are currently waiting to adopt, but in 1982, the last year for which figures exist, there were only some 50,000 adoptions.

Which of the following statements, if true, most strengthens the author's claim that there are far fewer children available for adoption than there are people who want to adopt?

- (A) The number of couples waiting to adopt has increased significantly in the last decade.
- (B) The number of adoptions in the current year is greater than the number of adoptions in any preceding year.
- (C) The number of adoptions in a year is approximately equal to the number of children available for adoption in that period.
- (D) People who seek to adopt children often go through a long process of interviews and investigation by adoption agencies.
- 31. The city's public transportation system should be removed from the jurisdiction of the municipal government, which finds it politically impossible either to raise fares or to institute cost-saving reductions in service. If public transportation were handled by a private firm, profits would be vigorously pursued, thereby eliminating the necessity for covering operating costs with government funds.

The statements above best support the conclusion that

- (A) the private firms that would handle public transportation would have experience in the transportation industry.
- (B) political considerations would not prevent private firms from ensuring that revenues cover operating costs.
- (C) private firms would receive government funding if it were needed to cover operating costs.
- (D) the public would approve the cost-cutting actions taken by the private firm.

32. Mr. Lawson: We should adopt a national family policy that includes legislation requiring employers to provide paid parental leave and establishing governmentsponsored day care. Such laws would decrease the stress levels of employees who have responsibility for small children. Thus, such laws would lead to happier, betteradjusted families.

Which of the following, if true, would most strengthen the conclusion above?

- (A) An employee's high stress level can be a cause of unhappiness and poor adjustment for his or her family.
- (B) People who have responsibility for small children and who work outside the home have higher stress levels than those who do not.
- (C) The goal of a national family policy is to lower the stress levels of parents.
- (D) Any national family policy that is adopted would include legislation requiring employers to provide paid parental leave and establishing governmentsponsored day care.
- 33. Banning cigarette advertisements in the mass media will not reduce the number of young people who smoke. They know that cigarettes exist and they know how to get them. They do not need the advertisements to supply that information.

The above argument would be most weakened if which of the following were true?

- (A) Seeing or hearing an advertisement for a product tends to increase people's desire for that product.
- (B) Banning cigarette advertisements in the mass media will cause an increase in advertisements in places where cigarettes are sold.
- (C) Advertisements in the mass media have been an exceedingly large part of the expenditures of the tobacco companies.
- (D) Those who oppose cigarette use have advertised against it in the mass media ever since cigarettes were found to be harmful.
- 34. Insurance Company X is considering issuing a new policy to cover services required by elderly people who suffer from diseases that afflict the elderly. Premiums for the policy must be low enough to attract customers. Therefore, Company X is concerned that the income from the policies would not be sufficient to pay for the claims that would be made.

Which of the following strategies would be most likely to minimize Company X's losses on the policies?

- (A) Attracting middle-aged customers unlikely to submit claims for benefits for many years
- (B) Insuring only those individuals who did not suffer any serious diseases as children
- (C) Including a greater number of services in the policy than are included in other policies of lower cost
- (D) Insuring only those individuals who were rejected by other companies for similar policies

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35. The average age of chief executive officers (CEO's) in a large sample of companies is 57. The average age of CEO's in those same companies 20 years ago was approximately eight years younger. On the basis of those data, it can be concluded that CEO's in general tend to be older now.

Which of the following casts the most doubt on the conclusion drawn above?

- (A) The dates when the CEO's assumed their current positions have not been specified.
- (B) No information is given concerning the average number of years that CEO's remain in office.
- (C) The information is based only on companies that have been operating for at least 20 years.
- (D) Only approximate information is given concerning the average age of the CEO's 20 years ago.

Directions: In the following, sentence correction question presents a sentence, all or part of which is underlined. Beneath the sentence you will find five ways of phrasing the underlined part. The first of these repeats the original; the other four are different. If you think the original is best, choose the first answer; otherwise choose one of the others.

- 36. If the venom of the cobra snake gets in the eyes, it can cause intense pain, <u>damage</u> the cornea, and blindness.
 - (A) damage the cornea, and blindness
 - (B) damage to the cornea, and blindness
 - (C) damage the cornea, and cause blindness
 - (D) damage to the cornea, and cause blindness
- 37. Slips of the tongue do not necessarily reveal concealed beliefs or intentions <u>but rather</u> are the result from the competition between various processing mechanisms in the brain.
 - (A) but rather are the result from
 - (B) and instead are the result from
 - (C) being rather the result of
 - (D) but rather result from
- 38. 38. The commission has directed advertisers to restrict the use of the word "natural" to foods that do not contain color or flavor additives, chemical preservatives, or nothing that has been synthesized.
 - (A) or nothing that has been
 - (B) nor anything that was
 - (C) and nothing that is
 - (D) or anything that has been

- 39. The sale of government surplus machinery will begin at 9 a.m. and continue until the supply lasts.
 - (A) will begin at 9 a.m. and continue until the supply lasts
 - (B) begins at 9 a.m., continuing until the supply lasts
 - (C) will begin at 9 a.m. and, until the supply lasts, will continue
 - (D) will begin at 9 a.m. and continue as long as the supply lasts
- 40. What is the White House?
 - (A) Rabindranath Tagore's Residence
 - (B) The white colored house of President of India
 - (C) American President's Official Residence
 - (D) The tallest building in Dubai

Directions:

In this section you will be given two quantities, one in column A and one in column B. You are to determine a relationship between the two quantities and mark.

- A. If the quantity in column A is greater than the quantity in column B.
- B. If the quantity in column B is greater than the quantity in column A.
- C. If the quantities are equal.
- D. If the comparison cannot be determined from the information that is given.
- 41. Quantity A: (-6)4

Quantity B: (-6)5

- (A) if the quantity A is greater;
- (B) if the quantity B is greater;
- (C) if the two quantities are equal;
- (D) if the relationship cannot be determined from the information given.
- 42. Quantity A: (9/13)²

Quantity B: (9/13)1/2

- (A) Quantity A equals Quantity B
- (B) Relationship Indeterminate
- (C) Quantity B is greater
- (D) Quantity A is greater

43.
$$x = 2y + 3$$

$$y = -2$$

Quantity A: x

Quantity B:-1

- (A) if the quantity in Column A is greater;
- (B) if the quantity in Column B is greater;
- (C) if the two quantities are equal;
- (D) if the relationship cannot be determined from the information given

44. Quantity A: The number of months in 7 years

Quantity B: The number of days in 12 weeks

- (A) if the quantity in Column A is greater;
- (B) if the quantity in Column B is greater;
- (C) if the two quantities are equal;
- (D) if the relationship cannot be determined from the information given

45. Quantity A: (y + 5)2

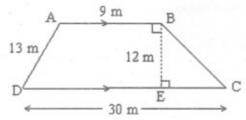
Quantity B: $(y-5)^2$

- (A) Quantity B is greater
- (B) Relationship Indeterminate
- (C) Quantity A equals Quantity B
- (D) Quantity A is greater
- 46. If 1 cm on a map corresponds to an actual distance of 40 kms. And the distance on the map between Bombay and Calcutta is 37.5 cms., the actual distance between them is:
 - (A) 375 kms
- (B) 3750 kms
- (C) 1500 kms
- (D) 1375 kms
- 47. If the radius of a circle is increased by 20% then the area is increased by
 - (A) 120%

(B) 144%

(C) 40%

- (D) None of the above
- 48. A plot of land is in the shape of a trapezium whose dimensions are given in the figure below:



Hence the perimeter of the field is

(A) 50 m

(B) 72 m

(C) 84 m

(D) None of the above

49.				tank in 20 min naining one tap				dry in
	(A)	5 minutes		(B) 10 mir	nutes		
	(C)	20 minutes		(D) None	of the above		
50.	apart	t. They passed r train exceede	each other d the avera	traveling towa at 1:30 p.m. the ge speed of the speed of the fas	e same da slower tra	y. If the avera	ige speed per hour	d of the
	(A)	38	(B) 40	(C) 44	(D)	48	
51.	trans		-shaped tar	by 4" is filled wanks, each one 3				
	(A)	9	(B) 12	(C) 16	(D)	21	
52.	that 13 ye	on an average ears of marria	e, women g ge. The ans	evealed that m ained 23 pound wer to which a ting the reasoni	ds and m mong the	en gained 18 following que	pounds stions w	during
	(A)	Why is the tin	ne period of	the survey 13 y	ears, rath	er than 12 or	14?	
	(B)		e men surv	eyed gain less t				od they
	(C)	How much we age to those si	_	ed or lost in 13 e survey ?	years by	a single people	e of com	parable
	(D)	When the sur	vey was con	ducted were the	women a	s active as the	men?	
53.	defici highe price	its. Commuter er than they a e of fuel is a	s complain a re accuston still not pr	ss transport in about delays and ned to paying. Tohibitive, the ng to the deficit	d breakdo For all th number	wns, cuts in se lese reasons a	ervice, ar nd beca	nd fares use the
	comn			tements about to cortation and the				
	(A)	With the rise using public t		e of fuel, there	is a rise	in the numbe	r of com	muters
	(B)	Even if the transportation	_	uel rises, the ue to decline.	number	of commuter	s using	public
	(C)	The number of fuel rises to a		rs using public level.	transport	ation will rise	e, if the	price of

using public transportation.

(D) Most of the commuters using public transportation do not use fuel, therefore fluctuations in the price of fuel is unlikely to affect the number of commuters

- 54. Which among the following statements is the most probable taking into consideration the source and the degree of seriousness with which they are uttered?
 - (A) Examiner: "The exam will be taken under the honor system: the professors have the honor, and the students have the system."
 - (B) Banker: "The low percentage of Jews in this bank has nothing to do with discrimination. Jews don't seem to be interested in banking."
 - (C) Book cover: "This book is sure to become the last word in its field."
 - (D) Politician: "My opponent has an impeccable political and personal record."
- 55. According to the laws pertaining to the use of recyclable containers, beverages are sold only in reusable containers. The people who object to such laws point out that the collection of reusable bottles requires gasoline, and washing them requires water; but, it takes less water to wash these containers than it does to make throwaway bottles. The expenditure saved due to the saved water exceeds the cost of the gasoline used to transport empty bottles.

The above passage directly answers which of the below mentioned objections to recyclable beverage containers?

- (A) It is likely that consumers will continue to discard even the recyclable containers.
- (B) Consumers will find it an inconvenience to return bottles.
- (C) The extra expense involved in recycling would raise the prices of beverages.
- (D) Recycling would be detrimental to the glass and plastic industries, which produce containers.
- 56. People should be held accountable for their own behavior, and if holding people accountable for their own behavior entails capital punishment, then so be it. However, no person should be held accountable for behavior over which he or she had no control.

Which of the following is the most logical conclusion of the argument above?

- (A) People should not be held accountable for the behavior of other people.
- (B) People have control over their own behavior.
- (C) People cannot control the behavior of other people.
- (D) Behavior that cannot be controlled should not be punished.

57. Although most of the fastest growing jobs in today's economy will require a college degree, many of the new jobs being created-from home health aide to desktop publisher-require knowledge other than that gained from earning a degree. For workers in those jobs, good basic skills in reading, communigreion, and mathematics play an important role in getting a job and developing a career.

From the information given above it can be validly concluded that, in today's economy,

- (A) skills in reading, communigreion, and mathematics play an important role in developing a career as a desktop publisher
- (B) the majority of the new jobs being created require knowledge other than that gained from earning a college degree
- (C) a job as a home health aide will rely more on communigreion skills than on basic skills in reading and mathematics
- (D) if a job is one of the fastest growing jobs, it will require a college degree
- 58. Mrs. Mason is gifted with psychic powers that enable her to foretell future events. In the past, Mrs. Mason has predicted such actual events as the election of President Clinton, the stock market crash of 1987, and the St. Louis Cardinals' 1982 World Series victory. These are just a few of Mrs. Mason's accurate predictions.

The answer to which of the following questions would be most useful in evaluating the strength of the argument above?

- (A) What percentage of Mrs. Mason's predictions has come true?
- (B) Could the election of President Reagan have been predicted without the help of psychic powers?
- (C) What is the actual mechanism by which Mrs. Mason's psychic powers are supposed to operate?
- (D) How long before the events in question did Mrs. Mason make her accurate predictions?
- 59. Studies of fatal automobile accidents reveal that, in the majority of cases in which one occupant of an automobile is killed while another survives, it is the passenger, not the driver, who is killed. It is ironic that the innocent passenger should suffer for the driver's carelessness, while the driver often suffers only minor injuries or none at all.

Which of the following is an assumption underlying the reasoning in the passage above?

- (A) In most fatal automobile accidents, the driver of a car in which an occupant is killed is at fault.
- (B) Drivers of automobiles are rarely killed in auto accidents.
- (C) Most deaths in fatal automobile accidents are suffered by occupants of cars rather than by pedestrians.
- (D) Auto safety experts should increase their efforts to provide protection for those in the passenger seats of automobiles.

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60.	orig			e of Two Cities have been made. The t because it is closest in spirit to the
			nent abo	ove is that a movie based on a novel
	shou			
	(A)			
	(B) (C)			
	(0)	both in body and spirit.	closely	resemble the characters in the novel
	(D)	capture the true meaning and inte	ntion of	the novel.
61.				hypotheses) of a research problem
		research and		
	(A)	Conclusive, Explorative Both (A) and (B)		Explorative, conclusive None of the above
	(0)	Both (A) and (B)	(D)	None of the above
62.	α is	s the ———— level in testing of	hypothe	esis.
	(A)	confidence level	(B)	significance level
	(C)	quality level	(D)	none of the above
63.	Tn A	NOVA, the values/ settings of a par	tianlan f	Caston and called
00.	(A)			Levels
	(C)			None of the above
	(0)	Louis (11) and (D)	(1)	Trone of the above
64.	Amo	ong the following designs,	— is the	e superior design.
	(A)	Completely randomized design	(B)	Factorial design
	(C)	Latin square design	(D)	Randomized complete block design
65.	In fa	actorial design, if the number of rep	lications	is one, the sum of squares of error is
	(A)	 ∞	(B)	1
	(C)	0	(D)	None of the above
	(-)		(2)	21020 02 020 00010
66.			sample	size is less than or equal to 30.
	(A)	Z	(B)	t
	(C)	Chi-square	(D)	None of the above
67.	For	distribution, the mean	and var	iance are 0 and 1, respectively.
	(A)	t	(B)	Standard Normal
	(C)	Poisson	(D)	None of the above
68.	Samo	ee plot is used in ———— analys	eie.	
00.	(A)	Cluster analysis	(B)	Factor analysis
	(C)	Factorial analysis	(D)	None of the above
	(0)	mini bib	(1)	A TOLIC OL VIIIC ADOVE

69.	In factor analysis, the sum of the factor	r loadings	of each row is called ———.
	(A) Eigenvalue	(B)	Communality
	(C) Principle component	(D)	None of the above
70.	Profile diagram is used in —		
	(A) Factor analysis	(B)	Conjoint analysis
	(C) Cluster analysis	(D)	Regression analysis
71.	The solution of $(M/M/1)$: $(GD/\infty/\infty)$ will than service rate.	ll be trivi	al if the arrival rate is —
	(A) less	(B)	more
	(C) both (A) and (B)	(D)	none of the above
72.	In ———— scheduling problem,	the makes	span measure will be the same for all
	the sequences.		
	(A) Single machine (B) Flow shop	(C)	Job shop (D) Open shop
73.	Work sampling technique is associated	with —	
	(A) Quality control	(B)	Time study
	(C) Maintenance management	(D)	Project management
74.	are construction type of a	lgorithms	to design plant layout.
	(A) ALDEP and CORELAP	(B)	ALDEP and CRAFT
	(C) CORELAP and RPW	(D)	CRAFT and COFAD
75.	is the application of a se	et of tech	niques to an existing product with a
	view to improving its value.		
	(A) Value engineering	(B)	Value analysis
	(C) Valuation of assets	(D)	None of the above
76.	In Simplex method, ——— will s	serve as a	basic variable.
	(A) slack variable	(B)	artificial variable
	(C) both (A) and (B)	(D)	surplus variable
77.	aims to connect all the no	des in a n	network without any cycle.
	(A) Shortest path problem		Minimum spanning problem
	(C) Maximal flow problem	(D)	None of the above
78.			
	(A) Thurstone's Case-V	(B)	Likert
	(C) Both (A) and (B)	(D)	None of the above
79.	is used to predict the den	nand of a	product just a period ahead only.
	(A) Linear regression	(B)	Moving average method
	(C) Exponential smoothing method	(D)	Delphi method
80.	links the solutions of	the sub	problems of dynamic programming
	problem.		
	(A) Stage	(B)	State
	(C) Recursive function	(D)	Pivot-element

81.	Den	nand during lead time is called reorder	level	, if ———.				
	(A)	lead time and demand are deterministic						
	(B)	B) lead time is varying and demand is deterministic						
	(C)							
	(D)	lead time and demand are varying						
82.	Before upgrading your operating system, you should first							
	(A)	remove TSRs	(B)	backup your hard drive				
	(C)	run scandisk	(D)	run chkdsk				
83.	IMS	s is a ———— DBMS.						
	(A)	Hierarchical	(B)	Network				
	(C)	Relational	(D)	None of the above				
84.	In D	BMS, a relation means a ————						
	(A)	record	(B)	field				
	(C)	file	(D)	none of the above				
85.	_	distribution is a function of its upper limit and lower limit.						
	(A)	Normal distribution	(B)	Poisson distribution				
	(C)	Uniform distribution	(D)	T-distribution				
86.	The	ratio between the sum of squares du	e to r	egression and sum of squares total is				
	(A)	correlation coefficient	(B)	coefficient of determination				
	(C)	coefficient of variation	(D)	none of the above				
87.		is a method for factor analysi	s.					
	(A)	Cluster technique	(B)	Centroid method				
	(C)	Discriminant technique	(D)	None of the above				
88.	The anal	data on preference ratings of 10 simil yzed using ————.	ar bra	ands of televisions by two judges are				
	(A)	Correlation coefficient	(B)	Rank correlation				
	(C)	Mode	(D)	None of the above				
89.	Dun	Duncan's multiple test is associated with ————.						
	(A)	Regression analysis	(B)	Factor analysis				
	(C)	ANOVA	(D)	Conjoint analysis				
90.	Dua	lity helps to minimize ————.						
	(A)	the number of constraints	(B)	the number of variables				
	(C)	total time to solve the problem	(D)	all the above				
	1-1	The second of problem	(2)	CALL VALUE GROUPS				