Invigilat	or's Signature :	
	CS/BCA/SEM-1/BCA	1-102/2009- 10
B	2009 USINESS SYSTEMS AND APPLIC	CATIONS
Time All	otted: 3 Hours	Full Marks: 70
	The figures in the margin indicate full m	arks
Ommalia.		
Canalo	lates are required to give their answers in t as far as practicable.	nen own words
	GROUP - A	
1	(Multiple Choice Type Question	ıs)
1. Ch	oose the correct alternatives for the following	$ng: 10 \times 1 = 10$
i)	Which of the following is not a language	?
	a) JAVA b) COBOL	L
	c) Oracle d) C++.	
ii)	E-mail is an important function of	
	a) expert system	
	b) office automation system	
	c) transaction processing system	
	d) operating system.	,
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ш)	The	system that communicates with all other systems t
	its	environment is called
. •	a)	open system
	b) ~	dynamic system
	c)	cybernetic system
	d)	adaptive system.
iv)	An	overall conceptual or logical view of the relationship
	bety	ween the data in database is called
	a)	schema
	b)	table
	c)	views
	d)	stored procedure.
v)	"Му	cin" is related to
	a)	neutral network
	b)	expert system
	c)	OLTP
	d)	transaction processing system.
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vi)	ĐD	DL, DML, DCL are associated with	
	a)	operating system	
	b)	database operations	
	c)	programming language	
	d)	transaction processing.	
vii)	Wh	at is the nature of management process?	
	a)	time bound	
	b)	continuous	
	c)	disjointed	
	d)	procedural.	
viii)	Mar	npower planning is also known as	
	a)	organizational planning	
	b)	human resource planning	• • •
	c)	job planning	1 .
	d)	manpower inventory planning.	
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	ix)	'Kn	owledge Engineering (KE) refers to t	he building,		
		maintaining and development of				
		a)	knowledge-based systems			
	*	b)	internet			
		c)	biometric systems	•		
		d)	digital systems.			
	x)	Dat	a mart is a			
•		a)	place where data are stored			
		b)	place where outputs are stored			
		c)	place where input are stored			
		d)	user interface.			
	•		GROUP – B (Short Answer Type Questions)			
			Answer any three of the following.	$3 \times 5 = 15$		
2.	Brie	fly d	escribe Data Warehousing.	5		
3.	Wh	at is	SDLC and what are its various parts?	5		
4.	a)	Dis	tinguish between data and information.	3		
	b)	Wh	at is planning?	2		
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		and the second second			
5	~1	What is IS	strategy?	· ·	
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- b) Briefly describe 'Business Process Reengineering'. 3
- 6. What is AI? What is the difference between declarative & procedural knowledge? 2+3

GROUP - C (Long Answer Type Questions). Answer any three of the following. $3 \times 15 = 45$

a) Define a system. Define an Information System (IS).
 Define Information Technology (IT). How is Information
 System different from Information Technology.

2 + 2 + 2 + 3

2

- b) Briefly describe the Information System Framework with

 Diagrammatic representation. 6
- 8. a) How can you define a "Dynamic System"? Briefly focus on different components of a dynamic system with example.
 - b) What is a "Cybernetic System"? How is this type of system different from a dynamic system? Focus on the different components of a cybernetic system with example.

 2 + 2 + 2

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- c) What is an "Open System" and "Adaptive System"? Give examples.
- 9. a) Explain Distributed Database Processing & compare it with Centralized Processing.
 - b) What are the advantage of a DBMS in a business information system?
 - c) What is the difference between Exception Reports & Demand Reports? Explain with an example.
 - d) What is Information Pyramid? 4+4+3+4
- 10. a) What is ERP architecture?
 - b) What are the measures required for ERP implementation?
 - c) Briefly explain the term centralized transaction processing & client server computing.
 - d) What is knowledge based system & expert system.

3+4+4+4

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1.	Write short notes on any three of the following:				
	a)	Executive support system			
	b)	Difference between MIS & TPS			
	c)	End-User computing			
•	d)	Data warehouse			
	e)	Advantage & Disadvantage of virtual office	5		
	f)	CRM			
	g)	Documentation			
	h)	E-business.			
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