CS123: Introduction to Information Systems Midterm Exam: Lectures 1 through 4

TEST NO. 53132

Bubble test instructions:

- On your blank bubble test form, clearly print 1) your full NAME; 2) the five-digit TEST NO. shown above-right; 3) this class number SUBJECT; and 4) today's DATE
- Use a #2 pencil
- When you have completed this test, turn in both this question sheet and your filled-in bubble test form

General instructions:

- Please sit separated from others by at least one seat
- This test is "closed-book": You may not use notes/books/electronics, except as directed
- Check both sides of each page for questions!
- Multiple-choice responses are listed in random order. Expect no pattern.

Multiple Choice (2 points each)

On your bubble test form, fill in the one best response below.

- 1. In information systems, 1) what produces feedback, and 2) what's the purpose of processing?
 - A. 1) processing and/or output; 2) feedback
 - B. 1) processing and/or output; 2) creating new value
 - C. 1) information; 2) producing data
 - D. 1) output; 2) generating knowledge
 - E. 1) input; 2) gathering raw facts
- 2. In information systems, what do these terms mean? 1) knowledge, 2) data, and 3) information
 - A. 1) raw facts, such as an employee number; 2) added value through organization and processing; 3) awareness and understanding to support a task or make a decision
 - B. 1) added value through organization and processing; 2) raw facts, such as an employee number; 3) awareness and understanding to support a task or make a decision
 - C. 1) awareness and understanding to support a task or make a decision; 2) added value through organization and processing; 3) raw facts, such as an employee number
 - D. none of these
 - E. 1) awareness and understanding to support a task or make a decision; 2) raw facts, such as an employee number; 3) added value through organization and processing
- 3. The four primary activities of an information system are Input, Output, Feedback, and
 - A. Database
 - B. Storage

C.	Processing	
D.	Data	
E.	Knowledge	
4. The va	alue of information is directly linked to how it helps decision-makers achieve their organiz	ation's
·	cost reduction initiatives	
В.	profits	
C.	quality improvement measures	
D.	customer relationship management	
E.	goals	
5. Which needs?	of these information systems directly supports reporting for routine and recurring information	ation
A.	TPS (Transaction Processing System)	
B.	DSS (Decision Support System)	
C.	Knowledge Management System (KMS)	
D.	MIS (Management Information System)	
E.	data-mining system worked samegor acad and advantill and the same system.	
6. Which	of these information systems directly supports finding solutions to specific problems?	
A.	data-mining system	
В.	Knowledge Management System (KMS)	
C.	DSS (Decision Support System)	
D.	TPS (Transaction Processing System)	
E.	MIS (Management Information System)	
7	consists of computer programs that specify the operation of the computer.	
A.	Hardware	
В.	Software	
C.	Networking was also and a subsection has accurate and a south size babbs (
D.	Media White the colonia of the same of the	
E.	Telecommunications	
8. Which	of the following statements describes a characteristic of a highly competitive industry?	
A.	Companies partner with competitors to slow their rapid growth	
В.	Companies show a lot of product differentiation	
C.	Companies focus on more competitive advantage	
D.	Each of these	
E.	Companies have few competitors	
	A DESCRIPTION OF THE PROPERTY	

9. Customer	r relationship management programs help companies manage Lifered to the latest the latest terms are the latest terms and the latest terms are the lat	
A.	1) programs to retain loyal customers	
В.	2) finished product inventory	
C.	3) marketing and advertising with the test the test of the visit of the second of the	
D.	all of these	
E.	(1) and (3) solves and save learned are required in the development of the required in the development and the required in the development of the required in	
10. A com	mon type of information system used in business is designed for	
A.	electronic and mobile commerce	
В.	report generation and all sections and an artist and are all the control of the c	
C.	each of these	
D.	decision support	
E.	transaction processing	
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11. A/an _	uses computer servers, distributed storage devices, and networks to connect distrib	uted
componer	nts together.	
A.	storage area network	
В.	RAID storage device	
C.	CPU register area	
D.	digital video disk	
E.	virtual tape	
	the peaker and manifer computer performance	ce.
12	help(s) perform maintenance, diagnose problems, and monitor computer performance	
A.	Databases	
В.	Application software	
C.	A storage area network	
D.	Utility programs	
E.	The operating system	
24. As los	to an tables in a relation of any the exercting system through a well-defined	
13. Appli	ications request services from the operating system through a well-defined	
A.	nardware interface	
В.	medium	
C.	nection. A standardized data and ipulation language developed in the 1970s that helps wULA not;	
D.	application programming interface	
E.	utility program	
	1: diamontina provider (ASP) or Software as a Service (Sa	aS)
	k involved with using an application service provider (ASP) or Software as a Service (Sa	,,,
	IS	
Α.	sensitive information could be compromised	
В.	none of these the provider could be incapable of keeping its servers and network up and running	
C.	consistently	

D. E.	a disaster could disable the provider's data center each of these		
15. One	advantage of proprietary software over off-the-shelf software		
A.	the software is likely to meet the basic business needs that		ations
B.	B. involvement in the development offers control over the results		acrons
C.	it is used by industry leaders		
D.	the initial cost is lower		
E.	the software is likely to be of high quality because many of software and helped identify its bugs		ne
16. RAII	O storage devices provide data storage that is		
A.	sequential-access		
В.	fault-tolerant		
C.	extremely low-cost		
D.	volatile		
E.	more energy-efficient		
	Ringwoodpy, Schurger near Noncon (KAS)		
17. A typ	e of memory whose contents are not lost if the power is turned	off is called	
A.	grid grid specification of the second specification of the	Mak-osby Jennis	
B.	RAM		
C.	none of these		
D.	multicore multicore		
E.	nonvolatile		
10 41	1965 CERMINADA SEPPORT SYSTEMS		
18. Applic	cation software interacts with system hardware through	/nowroe none on rare/\	
Α.	SaaS		
В.	utility programs		
C.	the operating system		
D.	Enterprise Resource Planning		
E.	memory management		
19	is a standardized data manipulation language developed in the	a 1070s that halos was a	- 0
update data	auases.		
A.	SQL		
B.	DDL		
C.	Schema		
D.	Access		
E.	DML		
20 i	s/are an information-analysis tool that involves the automated	discovery of patterns and	
relationship	os in a data warehouse.	viinskizmoo	

Α.	Data mining		
B.	DBMS		
C.	Compatitive int. 11:		
D.	Entity Relationships		
E.	Online Analytical Processing (OLAP)		
	y and a rocessing (OLM)		
21. A too	ol that database designers use to visualize and discuss the lo	marasin que non la companion de la companion d	
·	e and the real section and the real		5
A.	a database file		
B.	an entity-relationship diagram		
C.	a data modelling language		
D.	a schema		
E.	a primary key		
	1 5 mg		
22. The	smallest piece of data used by a computer is called a		
A.	record	joining	
В.			
C.	field		
D.	bit		
E.	character		
	55.3°		
23. Wha	t's the proper order of the typical hierarchy of data?		
A.	records > fields > databases > characters > files		
В.	fields > records > characters > files > databases		
C.	characters > fields > records > files > databases		
D.	characters > records > fields > files > databases		
E.			
ad ladin	databases > records > fields > files > characters		
24. As lo	ong as tables in a relational database share one common useful information and reports.	, the tables can be linked to	
A.	attribute		
В.	file		
C.	entity		
D.	concurrency		
E.	record		
	lection of fields about a specific item is called a(n)		
A.	attribute and a second of the		
В.	record		
C.	primary key		
D.	file		
E.	join		

	specifies to the DBMS (Database M nd the relationships among the data.	anagement System) the logical and physical structure	cture
A.	schema		
В.			
C.	entity relationship diagram		
D.	SQL query		
E.	data manipulation language		
27. Basic	database manipulations include	, which eliminates columns in a relational databa	ise.
A.	relational		
В.	projecting		
C.	linking		
D.	selecting		
E.	joining y leaves and the second secon		
20 4 1	valente.	Broom Broom	
	abase is a collection of integrated and relat		
Α.	fields		
В.	files with the constant are not law if		
C.	attributes		
D.	entity relationships		
E.			
20		records > fields > displaces > characters > fi	
29		Web page content.	
A.		characters > fields > records > files > dambas	
B.			
C.	1 0 0,		
D.	A URL		
E.	HTTP (Hypertext Transport Protocol)		
30. A	interconnects two or more networks		
A.	IP packet		
В.	firewall		
C.	Web server		
D.	local area network		
E.	wide area network		
31. With the network	he IP protocol, data is grouped into	to be routed by various paths through a	
A.	URLs		
В.	bits		
C.	messages		

D.	packets
E.	bytes and season TI
F.	records
22	
32. A(n) _ characters	is a Web address that specifies the exact location of a Web page using alphanumeric
A.	HTML
B.	URL
C.	IP address
D.	IP packet
E.	none of these
33. The W	Web made possible which of these services or capabilities?
A.	1) the Internet
В.	(2) and (3)
C.	2) email
D.	3) Web-browsing
E.	each of these
34the Interne	is a network protocol that enables traffic to be routed among all the networks connected to
A.	Wi-Fi
В.	HTTP
C.	ISO seven-layer model
D.	XML
E.	IP (Internet Protocol)
35. Individ	uals and small organizations usualy connect their devices to the Internet through a/an
A.	HTTP system
B.	Web server
C.	personal proxy server
D.	Internet service provider
E.	email provider
36. Telecom	amunications elements include
A.	3) moderns
В.	2) LITED
C.	1) transmission media
D.	(1) and (3)
E.	Web services
37. A	converts a telecommunications signal from digital or analog form into another form

- IP packet A.
- multiplexer B.
- transmission media C.
- Web server D. modem is the same way to be an insulate the same at the same and the same as the same at t
- E.

Total Points: 74 1510281713