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*CS507 Final Term 14 papers*

*:":":":":":":Solved by:":":":":":*

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## Paper 1

### FINALTERM EXAMINATION Spring 2010 CS507- Information Systems (Session - 3)

Question No: 1 ( Marks: 1 ) - Please choose one

Medium Sized organizations are normally a family ownership run by

- ▶ Father & Sons
- ▶ Brothers

#### ▶ Father-Son and Brothers

- ▶ None of the given

Ref:Pg# 7

**Medium Sized organizations are normally a family ownership run by brothers, father-son.**

Question No: 2 ( Marks: 1 ) - Please choose one

Small organizations usually have complex management structure.

- ▶ True

▶ **False**

Ref:Pg#17

**Small Organizations**

**Small organizations usually have simple management structure.**



Question No: 3 ( Marks: 1 ) - Please choose one

Which of the following functions provide such data as sales prospect and contact information, product information, product configurations and sales quotes?

▶ **Sales force automation (SFA)**

▶ CRM

▶ ERP

▶ MIS Ref:

[http://books.google.com.pk/books?id=kL2XvT\\_OKEgC&pg=PA240&lpg=PA240&dq=Sales++force+automation+\(SFA\)+functions+provide+such+data+as+sales+prospect+and+contact+information,+product+information,+productconfigurations+and+sales+quotes.&source=bl&ots=9BUSNL1K47&sig=r5aPFOcM8BCDGUmCswCJK8m4Uyg&hl=en&ei=YdpSTdjYJYfpOb3BoegH&sa=X&oi=book\\_result&ct=result&resnum=1&ved=0CBQQ6AEwAA#v=onepage&q&f=false](http://books.google.com.pk/books?id=kL2XvT_OKEgC&pg=PA240&lpg=PA240&dq=Sales++force+automation+(SFA)+functions+provide+such+data+as+sales+prospect+and+contact+information,+product+information,+productconfigurations+and+sales+quotes.&source=bl&ots=9BUSNL1K47&sig=r5aPFOcM8BCDGUmCswCJK8m4Uyg&hl=en&ei=YdpSTdjYJYfpOb3BoegH&sa=X&oi=book_result&ct=result&resnum=1&ved=0CBQQ6AEwAA#v=onepage&q&f=false)

Question No: 4 ( Marks: 1 ) - Please choose one

Closed system is dependent on the internal resources and data.

▶ **True**

▶ False

**Ref:Pg #34**

**When we refer to a closed system we talk of a system that is dependant on internal resources and data for decision making rather than external environment.**

Question No: 5 ( Marks: 1 ) - Please choose one

Which of the following works in conjunction with routers and firewalls by monitoring network usage anomalies to protect a company's information systems resources from external as well as internal misuse?

▶ Encryption

## ▶ **Intrusion Detection Systems**

▶ Firewall

▶ All of above

**Ref:Pg# 178**

**An IDS works in conjunction with routers and firewalls by monitoring network usage anomalies. It protects a company's information systems resources from external as well as internal misuse.**

Question No: 6 ( Marks: 1 ) - Please choose one

Passive Attack is one of the types of Web Security Threats

▶ **True**

▶ False

**Ref:Pg#174**

## Web Security Threats

There are two major classes of security threats

- Passive Attacks
- Active Attacks

Question No: 7 ( Marks: 1 ) - Please choose one

If an organization can tolerate some downtime, cold sites backup might be appropriate.

▶ True

▶ False

Ref:Pg#172

## Cold sites

If an organization can tolerate some downtime, cold sites backup might be appropriate.

Question No: 8 ( Marks: 1 ) - Please choose one

Which of the following includes assessment of controls already been implemented or planned, probability that they can be broken, assessment of potential loss despite such controls existing?

## ▶ Control Analysis

- ▶ Vulnerability Assessment  
Risk Management
- ▶ All of above

Ref:Pg#166

## Control Analysis

This phase includes assessment of controls already been implemented or planned, probability that they can be broken, assessment of potential loss despite such controls existing..

Question No: 9 ( Marks: 1 ) - Please choose one

The output of Threat Identification phase is a threat statement identifying and defining threats. ▶ True

▶ False

Ref:Pg#164

## Steps in threat identification

The output of this phase is a threat statement identifying and defining threats.

Question No: 10 ( Marks: 1 ) - Please choose one

Audit Trails can be used together with controls trials to identify and provide information about users suspected of improper modification of data.

▶ True

▶ False

Ref: Pg#159

**Audit trails can be used together with access controls to identify and provide information about users suspected of improper modification of data (e.g., introducing errors into a database).**

Question No: 11 ( Marks: 1 ) - Please choose one

Input controls monitor the initial handshaking procedure of the user with the operating system.

► True

► **False**

**Ref:Pg#156**

#### **4.1 Access Controls**

**These controls establish the interface between the would-be user of the computer system and the computer itself. These controls monitor the initial handshaking procedure of the user with the operating system.**

Question No: 12 ( Marks: 1 ) - Please choose one

Automated data are less susceptible to destruction and misuse than paper data.

► True

► **False**

**Ref:Q#1**

[http://wpscms.pearsoncmg.com/bp\\_laudon\\_mis\\_9/0,,2101944justcontent,00.utf8.html](http://wpscms.pearsoncmg.com/bp_laudon_mis_9/0,,2101944justcontent,00.utf8.html)

Question No: 13 ( Marks: 1 ) - Please choose one

The purpose of a class is to specify a classification of objects and to specify the features that characterize the structure and behavior of those objects.

► **True**



False

**Ref:Pg#131**

**Classes**

**A class is defined as “The purpose of a class is to specify a classification of objects and to specify the features that characterize the structure and behavior of those objects.”**

Question No: 14 ( Marks: 1 ) - Please choose one

In drawing a proper flowchart, all necessary steps that are a part of process should be listed out in ----- order.

## ► Logical

- Physical
- Random
- Top to Bottom

**Ref:Pg#114**

**• In drawing a proper flowchart, all necessary steps that are a part of process should be listed out in logical order.**

Question No: 15 ( Marks: 1 ) - Please choose one

Targeting advertising to customers to increase the probability, that an offer is accepted. ► **True**

- False

**Ref:Pg#54**

**Targeting advertising to customers to increase the probability that an offer is accepted.**

Question No: 16 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ is related to defining the information needs and how these will be obtained.

- Infrastructure

## ► \_Architecture

- System

**Ref:Pg# 39**

**Architecture**

**Architecture more specifically is related to defining the information needs and how these will be obtained through the various application software modules.**

Question No: 17 ( Marks: 1 ) - Please choose one

The spiral life cycle model is a combination of the classic water fall model and aspects of risk analysis.

## ► \_True

- False



**Ref:Pg# 98**

**The spiral lifecycle model is a combination of the classic waterfall model and aspects of risk analysis.**

Question No: 18 ( Marks: 1 ) - Please choose one

Rectangle shape in the flow charts represents\_\_\_\_\_

- ▶ Decision

## ▶ Process

Terminator

**Ref: Pg#107**

**Process**

**Only one flow line should come out from a process symbol.**

<http://pages.cms.k12.nc.us/gems/hollysburns/FinalStudyGuide.pdf>

Question No: 19 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ is an object that exists and is distinguishable from other objects.

- ▶ Value Sets

## ▶ Entity

- ▶ Relationships

**Ref:Pg#123**

**Entity**

**An entity is an object that exists and is distinguishable from other objects. An entity is described using a set of attributes. For example specific person, company, event, plant, crop, department, section, cost center.**

Question No: 20 ( Marks: 1 ) - Please choose one

Object oriented analysis generates \_\_\_\_\_

- ▶ Implementation constraints
- ▶ System Interfaces

- ▶ Conceptual model of Information Ref:

**Object-oriented analysis (OOA) looks at the problem domain, with the aim of producing a conceptual model of the information that exists in the area being analyzed.**

[http://en.wikipedia.org/wiki/Object-oriented\\_analysis\\_and\\_design](http://en.wikipedia.org/wiki/Object-oriented_analysis_and_design)

[http://en.wikipedia.org/wiki/Object-oriented\\_design](http://en.wikipedia.org/wiki/Object-oriented_design)

Question No: 21 ( Marks: 1 ) - Please choose one

Which of the following is not considered during OO Design?

- ▶ Concurrency factor

- ▶ Usability factor
- ▶ Distribution factor Ref:

<http://kaykeys.net/science/computerwork/oodeesign/index.html>

**\* For a concurrent system, the architecture includes the basic task or process structure.**



\* **For a distributed system, it includes the organization of hardware in terms of processors and their interconnections.**

Question No: 22 ( Marks: 1 ) - Please choose one

Administrative Console is one of the components of Intrusion Detection System (IDS).

► True

► False

**Ref:Pg#179**

**Components of an IDS**

**An administrative console – it contains intrusion definitions applied by the analyzers**

Question No: 23 ( Marks: 1 ) - Please choose one

Maintaining and eventually institutionalizing the change is called **Unfreezing**.

► True

► False

**Ref:Pg#203**

**Refreezing -- Maintaining and eventually institutionalizing the change.**

Question No: 24 ( Marks: 1 ) - Please choose one

Which of the following is the characteristic of being able to assign a different meaning or usage to something in different contexts - specifically?

► OOP

► Polymorphism

► Encapsulation

► Inheritance

**Ref :Pg#133**

**Polymorphism is the characteristic of being able to assign a different meaning or usage to something in different contexts - specifically,**

Question No: 25 ( Marks: 1 ) - Please choose one

Which of the following is some action or event that can lead to a loss?

► Threat

► Damage

► Accident

► None of the above

►  
**Ref:Pg#143**

### **Threat Identification**

**“A threat is some action or event that can lead to a loss.”**

Question No: 26 ( Marks: 1 ) - Please choose one Intrabusiness is same as intraorganizational Business.

► True

► **False**

**Ref: Handout page 186**

Intra-business E-Commerce – E-Commerce can be done not only between business partners, but also within organizations. Such activity is referred to as intra-business EC or, in short intrabusiness.

[http://books.google.com.pk/books?id=6\\_hohbPAvLsC&pg=PA47&dq=Intrabusiness+is+intraorganizational+Business.&hl=en&ei=7-9STafBPMOAOo7SxfcH&sa=X&oi=book\\_result&ct=result&resnum=1&ved=oCC8Q6AEwAA#v=onepage&q=ntraorganizational%20information%20systems.%20These%20systems%20also%20are%20known%20as%20intrabusiness&f=false](http://books.google.com.pk/books?id=6_hohbPAvLsC&pg=PA47&dq=Intrabusiness+is+intraorganizational+Business.&hl=en&ei=7-9STafBPMOAOo7SxfcH&sa=X&oi=book_result&ct=result&resnum=1&ved=oCC8Q6AEwAA#v=onepage&q=ntraorganizational%20information%20systems.%20These%20systems%20also%20are%20known%20as%20intrabusiness&f=false)

Question No: 27 ( Marks: 1 ) - Please choose one

Distributing common information to every one may result ----- and -----.

► **Waste of time, confusion**

► Increase productivity, awareness

► Cut time, cost



- ▶ None of them

**Ref:Pg#16**

**Distributing common information to every one may result in waste of time and confusion. Irrelevant information has no value.**

Question No: 28 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ is an association among entities. There has to be a relationship between two entities

- ▶ Value Sets
- ▶ Cardinality

▶ **Relationships**

**Ref:Pg#124**

**Relationships**

**A relationship is an association among entities. There has to be a relationship between two entities.**

Question No: 29 ( Marks: 1 ) - Please choose one

A denial-of-service attack floods a Web site with so many requests for services that it slows down or crashes.

▶ **True**

- ▶ False

**RefQ#5**

**[http://highered.mcgraw-hill.com/sites/0073195588/student\\_view0/chapter4/multiple\\_choice\\_quiz.html](http://highered.mcgraw-hill.com/sites/0073195588/student_view0/chapter4/multiple_choice_quiz.html)**

Question No: 30 ( Marks: 1 ) - Please choose one

An IDS can help even if incorrectness or scope limitation in the manner threats are defined.

▶ **True**

▶ **False**

**Ref:Pg#180**

**Limitations of IDS**

**An IDS can not help with the following weaknesses :**

- **Incorrectness or scope limitation in the manner threats are defined**

## Paper 2

**FINAL TERM EXAMINATION Spring 2010  
CS507- Information Systems**

## Question No: 1 ( Marks: 1 ) - Please choose one

The organizational structures are formulated in order to efficiently manage which of the following:

▶ Business Cost

▶ **Business Operations**

▶ Business Size

Ref: Pg#15

The organizational structures are formulated in order to efficiently manage the business operations.

## Question No: 2 ( Marks: 1 ) - Please choose one

Leading ERP software vendors include SAP (SAP R/3), Oracle and PeopleSoft.

▶ **True**

▶ False

Ref:

<http://www.health-infosys-dir.com/top%20ERP%20vendors.htm>

## Question No: 3 ( Marks: 1 ) - Please choose one

Business-to-business EC (B2B) is one of the types of ECommerce.

▶ **True**

▶ False

Ref:

<http://www.slideshare.net/sbajwa9009/types-of-e-commerce>

## Question No: 4 ( Marks: 1 ) - Please choose one

----- simply means a particular technique of directing one's attention in learning, discovery or problem solving.

▶ Robustness

▶ **Heuristic**

- ▶ DSS
- ▶ EIS

Ref: Pg#50

Heuristic simply means a particular technique of directing one's attention in learning, discovery or problem solving.

## Question No: 5 ( Marks: 1 ) - Please choose one

Which of the following works in conjunction with routers and firewalls by monitoring network usage anomalies to protect a company's information systems resources from external as well as internal misuse?

- ▶ Encryption

### ▶ Intrusion Detection System

- ▶ Firewall
- ▶ All of above

Ref:Pg# 178

Intrusion Detection Systems (IDS)

An IDS works in conjunction with routers and firewalls by monitoring network usage anomalies. It protects a company's information systems resources from external as well as internal misuse.

## Question No: 6 ( Marks: 1 ) - Please choose one

A risk is the possibility of a problem, whereas a problem is a risk that has already occurred.

- ▶ True (not 100% sure )
- ▶ False

Ref:

[http://books.google.com.pk/books?id=zsMIywmQCAEC&pg=PA127&dq=A+risk+is+the+possibility+of+a+problem,+whereas+a+problem+is+a+risk+that+has+already+occurred.&hl=en&ei=I\\_ZSTeLICtGW4gbJ25mACQ&sa=X&oi=book\\_result&ct=result&resnum=1&ved=oCCcQ6AEwAA#v=onepage&q=problem%20is%20a%20risk%20that%20has%20already%20occurred&f=false](http://books.google.com.pk/books?id=zsMIywmQCAEC&pg=PA127&dq=A+risk+is+the+possibility+of+a+problem,+whereas+a+problem+is+a+risk+that+has+already+occurred.&hl=en&ei=I_ZSTeLICtGW4gbJ25mACQ&sa=X&oi=book_result&ct=result&resnum=1&ved=oCCcQ6AEwAA#v=onepage&q=problem%20is%20a%20risk%20that%20has%20already%20occurred&f=false)

[http://books.google.com/books?id=LozyPG77yOYC&pg=PT176&dq=A+risk+is+the+possibility+of+a+problem&hl=en&ei=buzbTbmeKYmqrAeIo\\_3XDg&sa=X&oi=book\\_result&ct=result&resnum=7&ved=oCEoQ6AEwBg#v=onepage&q=A%20risk%20is%20the%20possibility%20of%20a%20problem&f=false](http://books.google.com/books?id=LozyPG77yOYC&pg=PT176&dq=A+risk+is+the+possibility+of+a+problem&hl=en&ei=buzbTbmeKYmqrAeIo_3XDg&sa=X&oi=book_result&ct=result&resnum=7&ved=oCEoQ6AEwBg#v=onepage&q=A%20risk%20is%20the%20possibility%20of%20a%20problem&f=false)

## Question No: 7 ( Marks: 1 ) - Please choose one

Which of the following is a methodology used to create a plan for how an organization will resume partially or completely interrupted critical functions within a predetermined time after a disaster or disruption?

- ▶ Audit Logs
- ▶ Disaster Plan
- ▶ Audit Trials
- ▶ **Business continuity Plan**

Ref:Pg#169

**“Business Continuity Planning (BCP) is a methodology used to create a plan for how an organization will resume partially or completely interrupted critical functions within a predetermined time after a disaster or disruption.”**

## Question No: 8 ( Marks: 1 ) - Please choose one

Documentation may include program code of application soft wares, technical manuals, user manuals etc.

▶ **True**

- ▶ False

Ref:Pg#159

**Documentation may include program code of application softwares, technical manuals, user manuals and any other system-related documentation.**

## Question No: 9 ( Marks: 1 ) - Please choose one

Input controls monitor the initial handshaking procedure of the user with the operating system.

- ▶ True
- ▶ **False**

Ref:Pg#156

### 4.1 Access Controls

**These controls establish the interface between the would-be user of the computer system and the computer itself. These controls monitor the initial handshaking procedure of the user with the operating system**

## Question No: 10 ( Marks: 1 ) - Please choose one

Processing instructions carried out by the operating system and application software should be monitored by implementation of controls. **► True**

► False

**Ref:Pg#158**

**Processing instructions carried out by the operating system and application software should be monitored by implementation of controls.**

## Question No: 11 ( Marks: 1 ) - Please choose one

Firewall is the primary method for keeping a computer secure from intruders.

► True

► False

**Ref:Pg155**

**Firewall**

**Firewall is the primary method for keeping a computer secure from intruders. A firewall allows or blocks traffic into and out of a private network or the user's computer.**

## Question No: 12 ( Marks: 1 ) - Please choose one

Which of the following is a data model or diagram for high-level descriptions of conceptual data model?

► ERD

► Flow Chart

► Algorithm

► DFD

**Ref;Pg#120**

**Entity Relationship Diagram**

**"The entity-relationship diagram (ERD) is a data model or diagram for high-level descriptions of conceptual data model,**

## Question No: 13 ( Marks: 1 ) - Please choose one

Which of the following is a project management technique that divides complex projects into smaller, more easily managed segments or phases?

- ▶ *SDLC*
- ▶ System Design
- ▶ System Analysis
- ▶ Audit Trials

**Ref:Pg#81**

**Project lifecycle vs. SDLC**

**The systems development life cycle is a project management technique that divides complex projects into smaller, more easily managed segments or phases.**

## Question No: 14 (Marks: 1) - Please choose one

Which of the following has collection of predefined procedures related to each other?

- ▶ Organization
- ▶ *System*
- ▶ Firm

**Ref:Pg#28**

**Systems have collection of predefined procedures related to each other in a sequenced logical manner in order to collectively achieve the desired results.**

## Question No: 15 ( Marks: 1 ) - Please choose one

Which of the following increment in incremental model is usually the core product which addresses the basic requirements of the system?

- ▶ *First*
- ▶ Second
- ▶ Third

**Ref: Pg#95**

**The first increment is usually the core product which addresses the basic requirements of the system.**

## Question No: 16 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ overwrites every program/software/file it infects with itself.  
Hence the infected file no longer functions.

- ▶ Dropper
- ▶ *Overwriting Viruses*
- ▶ Boot sector Virus

**Ref:Pg# 150**

**Overwriting Viruses**

**As the name implies, it overwrites every program/software/file it infects with itself. Hence the infected file no longer functions.**

## Question No: 17 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ is a person who attempts to invade the privacy of the system.

- ▶ Hacktivsts
- ▶ *Hackers*
- ▶ Crackers

**Ref:Pg#154**

**A hacker is a person who attempts to invade the privacy of the system.**

## Question No: 18 (Marks: 1) - Please choose one

Individuals using their skills to forward a political agenda, possibly breaking the law in the process, but justifying their actions for political reasons is called

- ▶ *Hacktivsts*
- ▶ Crackers
- ▶ Hackers

**Ref:Pg#154**

**Hacktivsts**

**This refers to individuals using their skills to forward a political agenda, possibly breaking the law in the process, but justifying their actions for political reasons.**

## Question No: 19 ( Marks: 1 ) - Please choose one

Both software objects and real time objects have \_\_\_\_\_

- ▶ Identity and behavior
- ▶ Identity and state
- ▶ **State and behavior**

**Ref: Pg#129**

**Software objects are modeled after real-world objects in that they too have state and behavior.**

## Question No: 20 ( Marks: 1 ) - Please choose one

Characteristics of object are called \_\_\_\_\_

- ▶ Methods
- ▶ *Attributes*
- ▶ Status

**Ref:Pg#131**

**Attributes & Methods**

**Attributes are the characteristics of object / class and methods are the operations related to the object / class.**

**Question No: 21 ( Marks: 1 ) - Please choose one** Which of the following carry characteristics of specialization?

- ▶ *Sub classes*
- ▶ Sub Interfaces
- ▶ Sub objects

**Ref:Pg#131**

**Classification is hierarchical in nature, a vehicle may be classified as truck or car, a car may further be Sub- classified as hatchback or sedan or sports or SUV. Moving up the hierarchy is terms as generalization and down the hierarchy is referred to as specialization.**

**Specialization process**

**Define a set of subclasses of an entity type**

**Establish additional specific attributes with each class**

**Establish additional specific relationship types between subclass and other entity types or other subclasses**



## Question No: 22 ( Marks: 1 ) - Please choose one

Audit Trial is a weakness that can be accidentally triggered or intentionally exploited. ► True

► False

Ref:Pg#164

**Vulnerability is a weakness that can be accidentally triggered or intentionally exploited.**

Question No: 23 ( Marks: 1 ) - Please choose one M-Commerce (mobile commerce) refers to the conduct of ecommerce via wireless devices.

► True

► False

Ref: Pg#186

**M-Commerce**

**M-Commerce (mobile commerce) refers to the conduct of ecommerce via wireless devices.**

Question No: 24 ( Marks: 1 ) - Please choose one Buying and selling of products, services and information via computer networks, primarily through Internet is :

► E-Commerce

► E-Business

► Web Surfing

► BPR

Ref:Pg#186

**E-Commerce**

**Electronic Commerce (e-commerce or EC) describes the buying, selling, and exchanging of products, services, and information via computer network, primarily the internet.**

Question No: 25 ( Marks: 1 ) - Please choose one

Which of the following helps in getting the right material and physical resources together at the right place and at the right time to meet the customer's requirements?

► BRP

► **MRP**

► CRP

Ref:Pg#62

**MRP helps in getting the right material and physical resources together at the right place and at the right time to meet the customer's requirements.**

## Question No: 26 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ is an association among entities. There has to be a relationship between two entities

► Cardinality

► Relationships

Ref:Pg# 124

Relationships

A relationship is an association among entities. There has to be a relationship between two entities.

## Question No: 27 ( Marks: 1 ) - Please choose one

One of the methods of integrating different business information systems is Supply Chain management software.

► True

► False

Ref: Handout page 192

Supply chain management is the integration of key business processes across the supply chain for the purpose of creating value for customers and stakeholders

[http://en.wikipedia.org/wiki/Supply\\_chain\\_management](http://en.wikipedia.org/wiki/Supply_chain_management) Question

No: 28 ( Marks: 1 ) - Please choose one

Which of the following carries connotations of the class to which the object belonged?

► Class

► Instance

► Structure

► None of the

above

Ref:Pg#129

Instance also carries connotations of the class to which the object belongs.

## Question No: 29 ( Marks: 1 ) - Please choose one

Object oriented analysis focuses on \_\_\_\_\_

- ▶ *Modular approach*
- ▶ Incremental approach
- ▶ Traditional approach

▶ Derived approach **Ref:**

**object-oriented programming, a modular approach to computer program (software) design.**

<http://encyclopedia2.thefreedictionary.com/object-oriented+programming>

## Question No: 30 ( Marks: 1 ) - Please choose one

Evaluate recovery patterns, relevant costs involved is an example of monitoring

- ▶ *TRUE*
- ▶ FALSE

**Ref:Pg#72**

**Monitoring**

**Evaluate recovery patterns, relevant costs involved.**

## Paper 3

### FINALTERM EXAMINATION Spring 2010

Question No: 1 ( Marks: 1 ) - Please choose one

Medium Sized organizations are normally a family ownership run by

- ▶ Father & Sons
- ▶ Brothers

▶ **Father, Sons and Brothers**

- ▶ None of the given

**Ref:Pg#17**

**Medium Sized Organizations**

**Medium Sized organizations are normally a family ownership run by brothers, father-son.**

Question No: 2 ( Marks: 1 ) - Please choose one

High level of foreign trade has resulted in imports and exports which require inter linkage for smooth coordination.

▶ True

▶ False

Ref:Pg#29

**Emerging Global Economies:**

**High level of foreign trade has resulted in imports and exports which require inter linkage for smooth coordination.**

Question No: 3 ( Marks: 1 ) - Please choose one

ERP or enterprise systems control all major business processes with a single software architecture in real time.

▶ True

▶ False

Ref:

**ERP or enterprise systems control all major business processes with a single software architecture in real time.**

<http://www.scribd.com/doc/42819925/Chapter-8-Turban>

Question No: 4 ( Marks: 1 ) - Please choose one

The bullwhip effect refers to erratic shifts in orders up and down the supply chain because of poor demand forecasting, price fluctuation, order batching, and rationing within the chain.

▶ True

▶ False

ReF: <http://www.scribd.com/doc/42819925/Chapter-8-Turban>

Question No: 5 ( Marks: 1 ) - Please choose one

Which of the following works in conjunction with routers and firewalls by monitoring network usage anomalies to protect a company's information systems resources from external as well as internal misuse?

▶ Encryption

▶ Intrusion Detection Systems

▶ Firewall

▶ All of above

Ref: Pg#178

**IDS Stands for "Intrusion Detection Systems".**

**An IDS works in conjunction with routers and firewalls by monitoring network usage anomalies. It protects a company's information systems resources from external as well as internal misuse.**

Question No: 6 ( Marks: 1 ) - Please choose one

The major purpose of enhancing web security is to protect web server from attacks through the use of internet.

► True

► False

Ref: Pg#180

**The major purpose of enhancing web security is to protect web server from attacks through the use of internet.**

Question No: 7 ( Marks: 1 ) - Please choose one

The Internet Protocol is designed solely for the addressing and routing of data packets across a network

► True

► False

Ref:Pg#174

**The Internet Protocol is designed solely for the addressing and routing of data packets across a network.**

Question No: 8 ( Marks: 1 ) - Please choose one

Passive Attack is one of the types of Web Security Threats

► True

► False

Ref:Pg# 174

**REFERENCE: Web Security Threats**

**There is two major classes of security threats**

- **Passive Attacks**
- **Active Attacks**

Question No: 9 ( Marks: 1 ) - Please choose one

Audit Trails can be used together with controls trials to identify and provide information about users suspected of improper modification of data. ►

True

► False

Ref:Pg#159

**Audit trails can be used together with access controls to identify and provide information about users suspected of improper modification of data (e.g., introducing errors into a database).**

Question No: 10 ( Marks: 1 ) - Please choose one

MKIS helps organizations in efficient channel management

► True

► False

Ref:Pg#53

**MKIS helps organizations in efficient channel management.**

Question No: 11 ( Marks: 1 ) - Please choose one

Crypto Analysis is the science and art of transforming messages to make them secure and immune to attacks.

True

► False

Ref:Q#1

[http://highered.mcgrawhill.com/sites/0072967757/student\\_view0/chapter30/multiple\\_choice\\_quiz.html](http://highered.mcgrawhill.com/sites/0072967757/student_view0/chapter30/multiple_choice_quiz.html)

Question No: 12 ( Marks: 1 ) - Please choose one

Active Monitor software serves the concurrent monitoring as the system is being used.

► True

► False

Ref:Pg#153

**This software serves the concurrent monitoring as the system is being used.**

Question No: 13 ( Marks: 1 ) - Please choose one

The protection of the interests of those relying on information, and the information systems and communications that delivers the information, from harm resulting from failures of availability, confidentiality, and integrity.

► True

► False

Ref:Pg# 139

**Security Objective**

**“The protection of the interests of those relying on information, and the information systems and communications that delivers the information, from harm resulting from failures of availability, confidentiality, and integrity.”**

Question No: 14 ( Marks: 1 ) - Please choose one

The purpose of a class is to specify a classification of objects and to specify the features that characterize the structure and behavior of those objects.

► True

► False

Ref:Pg# 131

**Classes**

**“The purpose of a class is to specify a classification of objects and to specify the features that characterize the structure and behavior of those objects.”**

Question No: 15 ( Marks: 1 ) - Please choose one

In drawing a proper flowchart, all necessary steps that are a part of process should be listed out in ----- order.

## ► Logical

- Physical
- Random
- Top to Bottom

Ref:Pg# 114 &109

• In drawing a proper flowchart, all necessary steps that are a part of process should be listed out in logical order.

Question No: 16 ( Marks: 1 ) - Please choose one

The departmental structures are different in banking and financial sector

## ► True

- False

Ref:Pg# 57

The departmental structures are different in banking and financial sector. This in turn becomes the basis of design and development of functional information systems

Question No: 17 (Marks: 1 ) - Please choose one

Production subsystem needs to be linked with the marketing system to produce right amount of product.

## ► True

- False

Ref:Pg#65 Marketing

:

Production subsystem needs to be linked with the marketing system so as to produce right amount of product.

Question No: 18 ( Marks: 1 ) - Please choose one

DSS can be used to simulate the consequences of each alternative generated.

## ► TRUE

- FALSE

Ref:Pg#71

DSS system can be used to simulate the consequences of each alternative generated.

Question No: 19 ( Marks: 1 ) - Please choose one Which of the following select chief executive?

- Employees
- Customers

► Board of Directors Ref:

<http://fookembug.wordpress.com/2010/07/11/rosenblum>

[-selected-as-seventh-chief-executive-officer-of-the-national-association-of-the-deaf/](#)

Question No: 20 ( Marks: 1 ) - Please choose one

A schematic representation of a sequence of operations as in a manufacturing process or computer program is called \_\_\_\_\_

- ▶ Algorithm
- ▶ Entity Relationship Diagram
- ▶ **Flowchart**

**Ref:Pg#106**

**Flowchart**

**"A schematic representation of a sequence of operations as in a manufacturing process or computer program."**

Question No: 21 ( Marks: 1 ) - Please choose one

Rounded shaped symbol in the flow chart is called \_\_\_\_\_

## ▶ **Connector**

- ▶ Arrow
- ▶ Process

**Ref: Handout page 108**

**Flowcharts may contain other symbols, such as connectors, usually represented as circles, to represent converging paths in the flow chart.** <http://www.scribd.com/doc/6866265/A-flowchart>

Question No: 22 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ Focus on detecting potentially abnormal behavior in function of operating system or request made by application software

## ▶ **Behavior blockers**

- ▶ Active monitors
- ▶ Scanners

**Ref:Pg# 153**

**Behavior blockers**

**Focus on detecting potentially abnormal behavior in function of operating system or request made by application software.**

Question No: 23 ( Marks: 1 ) - Please choose one

Testing is easy for the software that is developed using OOAD due to use of \_\_\_\_\_

## ▶ **Modular approach**

- ▶ Real time modeling
- ▶ Usability feature **Ref:**



object-oriented programming, a modular approach to computer program (software) design. Each module, or object, combines data and procedures (sequences of instructions) that act on the data; in traditional, or procedural, programming the data are separated from the instructions.

Question No: 24 ( Marks: 1 ) - Please choose one

Threat source motivation is an output for Likelihood determination

► True

► **False**

Ref:Pg#166

**Likelihood Determination**

The input to this phase is

- Threat source motivation
- Threat capacity
- Nature of vulnerability
- **Current Controls**

Question No: 25 ( Marks: 1 ) - Please choose one

Administrative Console is one of the components of Intrusion Detection System (IDS).

► **True**

► False

Ref:Pg#179

**Components of an IDS**

**An administrative console – it contains intrusion definitions applied by the analyzers**

Question No: 26 ( Marks: 1 ) - Please choose one

Preparing a situation for change by disconfirming existing attitudes and behaviors is called Unfreezing.

► **True**

► False

Ref:Pg#203

**• Unfreezing -- Preparing a situation for change by disconfirming existing attitudes and behaviors.**

Question No: 27 vuzs ( Marks: 1 ) - Please choose one

The purpose of data flow diagrams is to provide a ----- between users and systems developers

► **Linking bridge**

- Empty space
- Data Flows
- Options a and b

Ref:Pg#116

**The purpose of data flow diagrams is to provide a linking bridge between users and systems developers.**

Question No: 28 ( Marks: 1 ) - Please choose one

Availability of which of the following to various users also depends on how the information is processed?

## ► Information

- Data
- Log File
- None of the above

**Ref:Pg# 135**

## **Computing Environments**

**Availability of information to various users also depends on how the information is processed, at what location the information is processed and where and to whom it is available after being processed.**

Question No: 29 ( Marks: 1 ) - Please choose one

Which of the following is the characteristic of being able to assign a different meaning or usage to something in different contexts - specifically?

- OOP

## ► Polymorphism

- Encapsulation
- Inheritance

**Ref:Pg#133**

**Polymorphism is the characteristic of being able to assign a different meaning or usage to something in different contexts - specifically,**

Question No: 30 ( Marks: 1 ) vuzs- Please choose one \_\_\_\_\_ is the science of coded writing.

- Decryption

## ► Cryptography

- Encryption

**Ref:Pg#156**

## **Cryptography**

**In literal terms, cryptography means science of coded writing**

## **Paper 4**

**FINAL TERM EXAMINATION**

**Final 2010**

**CS507- Information Systems (Session - 1)**

**Question No: 1( Marks: 1 ) - Please choose one**

Past court decisions have stated that privacy must be balanced against the needs of society.

▶ True

▶ **False**

Ref: p#207

**Protecting Privacy**

**There are certain important considerations. The rights of privacy must be balanced against the needs of the society.**

**Question No: 2 ( Marks: 1 ) - Please choose one**

Which of the following Customer Relationship Management (CRM) is an enterprise wide effort to acquire and retain customers?

▶ ERP

▶ **CRM**

▶ MIS

▶ ESS

Ref:Pg#55

**Key CRM Tasks**

**Customer Interaction – Efforts made to retain customers for longterm profitability and relationship.**

**Question No: 3( Marks: 1 ) - Please choose one**

Every system comprises of basic components which in a co-ordination formulate a system.

▶ **True**

▶ False

Ref:Pg#33

**Components of a system**

**Every system comprises of basic components which in a coordination formulate a system.**

**Question No: 4( Marks: 1 ) - Please choose one**

Closed system is dependent on the internal resources and data.

▶ **True**

▶ False

Ref:Pg# 34

**Closed system – entry to the library is restricted to the students only. Thus in an open system we refer to the connection it has to its environment by means of inflows and outflows of resources between the environment and organization. When we refer to a closed system we talk of a system that is dependant on internal resources and data for decision making rather than external environment.**

**Question No: 5( Marks: 1 ) - Please choose one**

In which of the following there is a direct interaction facilitated by auctions, classifieds, and bartering?

- ▶ EGovernment
- ▶ MCommerce

▶ **Consumer-to-consumer EC**

- ▶ Intrabusiness EC

**Ref:**

**Consumer-to-consumer EC – direct interaction facilitated by auctions, classifieds, and bartering .**

[http://www.powershow.com/view/cfc6-MzNjN/Electronic\\_Commerce\\_flash\\_ppt\\_presentation](http://www.powershow.com/view/cfc6-MzNjN/Electronic_Commerce_flash_ppt_presentation)

**Question No: 6( Marks: 1 ) - Please choose one**

The turnaround time from the input of the transaction to the production for the output must be a few ----- ▶  
Minutes or less

- ▶ Hours or less

▶ **Seconds or less** Ref:Pg#41 the turnaround time from the input of the transaction to the production for the output must be a few seconds or less.

**Question No: 7( Marks: 1 ) - Please choose one**

Which of the following refers to the process of identifying attempts to penetrate a system and gain unauthorized access?

- ▶ Threat Identification

▶ **Intrusion detection**

- ▶ Access Control
- ▶ All of above

**Ref:Pg# 160**

**Intrusion detection refers to the process of identifying attempts to penetrate a system and gain unauthorized access**

**Question No: 8( Marks: 1 ) - Please choose one**

The Internet Protocol is designed solely for the addressing and routing of data packets across a network

▶ **True**

- ▶ False

**Ref:Pg#174**

The concept of Web

**The Internet Protocol is designed solely for the addressing and routing of data packets across a network.**

**Question No: 9( Marks: 1 ) - Please choose one**

Threat capacity is an input source for Likelihood determination.

► **True**

► Falsar

**Ref:Pg#166**

**Likelihood Determination inputs are**

- Threat-source motivation
- Threat capacity
- Nature of vulnerability
- Current control

**Question No: 10 ( Marks: 1 ) - Please choose one**

Which of the following is a weakness that can be accidentally triggered or intentionally exploited?

- Audit Trial
- Likelihood Identification
- Threat Identification

► **Vulnerability**

**Ref:Pg#164**

Vulnerability Assessment

**Vulnerability is a weakness that can be accidentally triggered or intentionally exploited.**

**Question No: 11( Marks: 1 ) - Please choose one**

There are typically \_\_\_\_\_ kinds of audit records

► One

► **Two**

► Three

► Four

**Ref:Pg#159**

**There are typically two kinds of audit records:**

- (1) An event-oriented log
- (2) A record of every keystroke

**Question No: 12( Marks: 1 ) - Please choose one**

Documentation may include program code of application soft wares, technical manuals, user manuals etc. ► **True**

► False

**Ref:Pg#159**

Documentation

Documentation may include program code of application softwares, technical manuals, user manuals and any other system-related documentation.

Question No: 13( Marks: 1 ) - Please choose one

Decisions in which the decision maker must provide judgment, evaluation, and insights into the problem definition would be characterized as: ► Structured

► Semi Structured

► **Unstructured**

Ref:

[http://wpscms.pearsoncmg.com/bp\\_laudon\\_mis\\_9/o,,2102096justcontent,oo.utf8.html](http://wpscms.pearsoncmg.com/bp_laudon_mis_9/o,,2102096justcontent,oo.utf8.html)

Question No: 14( Marks: 1 ) - Please choose one

Automated data are less susceptible to destruction and misuse than paper data.

► True

► **False** Ref:

Q#1

[http://wpscms.pearsoncmg.com/bp\\_laudon\\_mis\\_9/o,,2101944justcontent,oo.utf8.html](http://wpscms.pearsoncmg.com/bp_laudon_mis_9/o,,2101944justcontent,oo.utf8.html)

Question No: 15 vuzs ( Marks: 1 ) - Please choose one

According to “Booch”, object has following three components

## ► **State, Behavior, Identity**

► State, Behavior, Interface

► State, Interface, methods

► State, Variables, Methods

Ref:Pg#128

*Components of object*

**According to Booch, there are three components of object. Objects have state, behavior and identity.**

Question No: 16( Marks: 1 ) - Please choose one Null value may or may not be called zero value.

► True

► **False**

Ref:Pg#124

**Null : is a blank read as zero value.**

Question No: 17( Marks: 1 ) - Please choose one

Organizations are distinguished on the basis of \_\_\_\_\_

► Attributes

► Policy

► **Management**

Ref:Pg#20

**Organizations can be distinguished on the basis of various criteria.**

These are as follows.

- Organizational structure
- Culture of the Organizations
- Management Style
- Decision Making Style

**Question No: 18( Marks: 1 ) - Please choose one**  
\_\_\_\_\_ is known as father of warehouse.

- ▶ Stephen Hawking
- ▶ Bill Gates
- ▶ **Bill Inmon**

**Ref:Pg#43**

**Decision Support Systems was defined by Bill Inmon, father of data warehouse.**

**Question No: 19( Marks: 1 ) - Please choose one**  
Rounded shaped symbol in the flow chart is called \_\_\_\_\_

## ▶ **Connector**

- ▶ Arrow
- ▶ Process

**Ref:**

<http://www.slideshare.net/nguyenminhhoa/table-of-flowchartsymbols>

**Question No: 20( Marks: 1 ) - Please choose one**

Individuals using their skills to forward a political agenda, possibly breaking the law in the process, but justifying their actions for political reasons is called \_\_\_\_\_

## ▶ **Hactivists**

- ▶ Crackers
- ▶ Hackers

**Ref:Pg#154**  
**Hactivists**

**This refers to individuals using their skills to forward a political agenda, possibly breaking the law in the process, but justifying their actions for political reasons.**

**Question No: 21( Marks: 1 ) Please choose one**  
Object oriented analysis focuses on the \_\_\_\_\_

- ▶ States of objects

## ▶ **Collaboration of objects**

- ▶ Implementation of objects

**Ref:**

[http://www.tutorialspoint.com/uml/uml\\_overview.htm](http://www.tutorialspoint.com/uml/uml_overview.htm)

**Question No: 22( Marks: 1 ) - Please choose one**

Which of the following carry characteristics of specialization?

## ► Sub classes

- Sub Interfaces
- Sub objects

**Ref:Pg#131**

Classification is hierarchical in nature, a vehicle may be classified as truck or car, a car may further be Sub- classified as hatchback or sedan or sports or SUV. Moving up the hierarchy is terms as generalization and down the hierarchy is referred to as specialization.

**Question No: 23( Marks: 1 ) - Please choose one**

The two major criteria that are used to analyze risks are Operational Effects and Situational Impacts

► True

► False

**Question No: 24( Marks: 1 ) - Please choose one** Which of the following is not the type of CSF?

- Industry CSFs
- Environmental CSFs

## ► Technical CSFs

- Temporal CSFs

**Ref:Pg#135**

- Industry CSFs resulting from specific industry characteristics; • CSF's resulting from the chosen competitive strategy of the business e.g. quick and timely delivery may be critical to courier service business
- Environmental CSFs resulting from economic or technological changes; and
- Temporal CSFs resulting from internal organizational needs and changes.

**Question No: 25( Marks: 1 ) - Please choose one**

The flowchart helps in locating and correcting errors also called debugging.

## ► True

- False

**Ref:Pg#115**

**Proper Debugging:** The flowchart helps in locating and correcting errors (Also called debugging).



**Question No: 26( Marks: 1 ) - Please choose one**

**Which of the following is the process or art of defining the hardware and software architecture, components, modules, interfaces, and data for a computer system to satisfy specified requirements?**

## ► **Systems Design**

- Systems Requirement
- Coding
- Requirement

**Ref:Pg#128**

**“Systems design is the process or art of defining the hardware and software architecture, components, modules, interfaces, and data for a computer system to satisfy specified requirements.”**

**Question No: 27( Marks: 1 ) - Please choose one**

**Which of the following focus on detecting potentially abnormal behavior in function of operating system or request made by application software?**

- Active Monitors
- Scanners
- Antivirus

► **Behavior blockers**

**Ref:Pg#153**

**Behavior blockers**

**Focus on detecting potentially abnormal behavior in function of operating system or request made by application software.**

**Question No: 28( Marks: 1 ) - Please choose one**

**Buying and selling of products, services and information via computer networks, primarily through Internet is :**

## ► **E-Commerce**

- E-Business
- Web Surfing
- BPR

**Ref:Pg#186**

**E-Commerce**

**Electronic Commerce (e-commerce or EC) describes the buying, selling, and exchanging of products, services, and information via computer network, primarily the internet. collaborating with business partners, and conducting electronic transactions within an organization.**

**Question No: 29( Marks: 1 ) Please choose one**  
\_\_\_\_\_ is one of the component of Intrusion Detection

**System (IDS).**

- Log File

► Host

## ► Administrative Consol

► None of above

Ref:Pg#179

Components of an IDS

An administrative console – it contains intrusion definitions applied by the analyzers

Question No: 30( Marks: 1 ) - Please choose one

The flow of information in organization can be \_\_\_\_\_ ways.

► 1

► 2

► 3

► 4

## paper 5

### FINAL TERM EXAMINATION

Spring 2010

CS507- Information Systems (Session - 3)

Question No: 1 ( Marks: 1 ) - Please choose one

Medium Sized organizations are normally a family ownership run by

► Father & Sons

► Brothers

► Father-Son and Brothers

► None of the given

Ref:Pg# 7

Medium Sized organizations are normally a family ownership run by brothers, father-son.

Question No: 2 ( Marks: 1 ) - Please choose one

Elements that exist outside the boundary of the business (Organization) and have the potential to affect all or part of the organization called ----- ►  
WTO

► Company Ordinance

► Business Environment

► Company Structure

Ref: Pg# 24

Business Environment is defined as “all elements that exist outside the boundary of the business(Organization) and have the potential to affect all or part of the organization

Question No: 3 ( Marks: 1 ) - Please choose one

Information technology can lead to decreased electronic supervision of employees.

► True

► **False**

**Ref:**

[http://books.google.com.pk/books?id=diTI8OIoa6oC&pg=PA199&dq=Information+technology+can+lead+to+a+decrease+in+the+time+for+decision+making&hl=en&ei=xpVTTdSdL9CN4QaHq8jaBQ&sa=X&oi=book\\_result&ct=result&resnum=10&ved=oCFUQ6AEwCQ#v=onepage&q=Information%20technology%20can%20lead%20to%20a%20decrease%20in%20the%20time%20for%20decision%20making&f=false](http://books.google.com.pk/books?id=diTI8OIoa6oC&pg=PA199&dq=Information+technology+can+lead+to+a+decrease+in+the+time+for+decision+making&hl=en&ei=xpVTTdSdL9CN4QaHq8jaBQ&sa=X&oi=book_result&ct=result&resnum=10&ved=oCFUQ6AEwCQ#v=onepage&q=Information%20technology%20can%20lead%20to%20a%20decrease%20in%20the%20time%20for%20decision%20making&f=false)

Question No: 4 ( Marks: 1 ) - Please choose one

Information technology can lead to a decrease in the time for decision making

► **True**

► False

**Ref:**

[http://books.google.com.pk/books?id=diTI8OIoa6oC&pg=PA199&dq=Information+technology+can+lead+to+a+decrease+in+the+time+for+decision+making&hl=en&ei=xpVTTdSdL9CN4QaHq8jaBQ&sa=X&oi=book\\_result&ct=result&resnum=10&ved=oCFUQ6AEwCQ#v=onepage&q=Information%20technology%20can%20lead%20to%20a%20decrease%20in%20the%20time%20for%20decision%20making&f=false](http://books.google.com.pk/books?id=diTI8OIoa6oC&pg=PA199&dq=Information+technology+can+lead+to+a+decrease+in+the+time+for+decision+making&hl=en&ei=xpVTTdSdL9CN4QaHq8jaBQ&sa=X&oi=book_result&ct=result&resnum=10&ved=oCFUQ6AEwCQ#v=onepage&q=Information%20technology%20can%20lead%20to%20a%20decrease%20in%20the%20time%20for%20decision%20making&f=false)

Question No: 5 ( Marks: 1 ) - Please choose one

High level of foreign trade has resulted in imports and exports which require inter linkage for smooth coordination.

► **True**

► False

**Ref:Pg#29**

**High level of foreign trade has resulted in imports and exports which require inter linkage for smooth coordination.**

Question No: 6 ( Marks: 1 ) - Please choose one

Which of the following Customer Relationship Management (CRM) is an enterprise wide effort to acquire and retain customers?

► ERP

► **CRM**

► MIS

► ESS

Ref: Slide #13

[http://www.slidefinder.net/E/ESA\\_20Enterprise\\_20Systems\\_20Lecture\\_207/22496624](http://www.slidefinder.net/E/ESA_20Enterprise_20Systems_20Lecture_207/22496624)

Question No: 7 ( Marks: 1 ) - Please choose one

CBIS helps in updating every change being triggered in less time and with **more** effort.

► True

► **False**

Ref: Pg#36

**Efficient Processing**

**Every transaction affects our records in a number of ways. CBIS helps in updating every change being triggered in less time and with less effort.**

Question No: 8 ( Marks: 1 ) - Please choose one

In which of the following there is a direct interaction facilitated by auctions, classifieds, and bartering?

► EGovernment

► MCommerce

► **Consumer-to-consumer EC**

► Intrabusiness EC

Ref:

**Consumer-to-consumer EC – direct interaction facilitated by auctions, classifieds, and bartering .**

Question No: 9 ( Marks: 1 ) - Please choose one

When the logic model approach is used for identifying risks, which assumptions must be considered as part of the risk identification process?

► **The assumptions behind all elements of the logic model - the activities, outputs, and outcomes**

► The assumptions behind the outcomes of the logic model

► The internal and external risks of the initiative

► The assumptions underlying the resources and reach of the logic model

Ref

<http://www.tbs-sct.gc.ca/cee/dpms-esmr/dpms-esmr05-eng.asp>

Question No: 10 ( Marks: 1 ) - Please choose one

Threat capacity is an input source for Likelihood determination.

► **True**

► False

Ref:Pg#166

**Likelihood Determination inputs are**

• **Threat-source motivation**

• **Threat capacity**

• **Nature of vulnerability**

Question No: 11 ( Marks: 1 ) - Please choose one

Which of the following is a logical record of computer activities, usage, processing pertaining to an operating or application system or user activities?

## ► Audit trail



## Control Log

- Control trial
- Audit Control

Ref:Pg# 159

**An audit trail is a logical record of computer activities/usage/processing pertaining to an operating or application system or user activities.**

Question No: 12 ( Marks: 1 ) - Please choose one

Processing instructions carried out by the operating system and application software should be monitored by implementation of controls.

## ► True

- False

Ref:Pg#158

**Processing instructions carried out by the operating system and application software should be monitored by implementation of controls.**

Question No: 13 ( Marks: 1 ) Please choose one

----- Phase is required to establish the scope of the plan and the methodology and techniques to be applied.

- \_Assessment
- \_Strategic

## ► Orientation

Ref:Pg#77

**•\_Orientation\_-- This start-up phase is required to establish the scope of the plan and the methodology and techniques to be applied**

Question No: 14 ( Marks: 1 ) - Please choose one

A security program is a series of ongoing regular periodic reviews conducted to ensure that assets associated with the information systems function are safeguarded adequately.

► True

► False

Ref:Pg#141

**“A security program is a series of ongoing regular periodic reviews conducted to ensure that assets associated with the information systems function are safeguarded adequately.”**

Question No: 15 ( Marks: 1 ) - Please choose one

Entity represents sources of data received by the system or destinations of the data produced by the system. ► True

False

**Ref:Pg#116** Entity represents sources of data received by the system or destinations of the data produced by the system.

Question No: 16 ( Marks: 1 ) - Please choose one

A well designed system also helps in early detection of problems in critical areas.

► True

► False

**Ref:Pg#106**

**Benefits of Good System Design**

**A well designed system also helps in early detection of problems in critical areas, if any.**

Question No: 17 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ overwrites every program/software/file it infects with itself.  
Hence the infected file no longer functions.

► Dropper

## ► Overwriting Viruses

► Boot sector Virus

**Ref:Pg#150**

Overwriting Viruses

**As the name implies, it overwrites every program/software/file it infects with itself. Hence the infected file no longer functions.**

Question No: 18 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ is a malicious program that is disguised as or embedded within legitimate software.

► Trojan horse

► Dropper

► Overwriting Viruses

**Ref:Pg#141**

**A Trojan horse is a malicious program that is disguised as or embedded within legitimate software.**

Question No: 19 ( Marks: 1 ) - Please choose one

Individuals using their skills to forward a political agenda, possibly breaking the law in the process, but justifying their actions for political reasons are called.

## ► Hacktivists

► Crackers

► Hackers

**Ref:Pg#154**

**Hacktivists**

► This refers to individuals using their skills to forward a political agenda, possibly breaking the law in the process, but justifying their actions for political reasons.

Question No: 20 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ is an object that exists and is distinguishable from other objects.

► Value Sets

## ► Entity

Relationships

Ref:Pg#123

An entity is an object that exists and is distinguishable from other objects.

Question No: 21 ( Marks: 1 ) - Please choose one

Object oriented design elaborates the hardware and software architecture to produce \_\_\_\_\_

► Implementation specifications

► Testing specifications

► Functional specifications

Ref:

<http://www.scribd.com/doc/23817500/Object-Oriented-Analysisand-Design>

Object-oriented design (OOD) elaborates the analysis models to produce implementation specifications. OOA focuses on what the system does, OOD on how the system does it.

Question No: 22 ( Marks: 1 ) - Please choose one

Firewall Security Systems may be a solution to Internet connectivity.

► True

► False

Ref:Pg#177

Firewall Security Systems

Every time a corporation connects its internal computer network to the Internet it faces potential danger. Because of the Internet's openness, every corporate network connected to it is vulnerable to attack.

[http://books.google.com/books?id=GMTsxvrYGMoC&pg=PA36&dq=Firewall+Security+Systems+may+be+a+solution+to+Internet+connectivity&hl=en&ei=vRXcTcODB42HrAcTvMjcDg&sa=X&oi=book\\_result&ct=result&resnum=1&ved=0CCKQ6AEwAA#v=onepage&q=Firewall%20Security%20Systems%20may%20be%20a%20solution%20to%20Internet%20connectivity&f=false](http://books.google.com/books?id=GMTsxvrYGMoC&pg=PA36&dq=Firewall+Security+Systems+may+be+a+solution+to+Internet+connectivity&hl=en&ei=vRXcTcODB42HrAcTvMjcDg&sa=X&oi=book_result&ct=result&resnum=1&ved=0CCKQ6AEwAA#v=onepage&q=Firewall%20Security%20Systems%20may%20be%20a%20solution%20to%20Internet%20connectivity&f=false)

Question No: 23 ( Marks: 1 ) - Please choose one



▶ An IDS with the neural network feature monitors the general patterns of activity and traffic on the network and creates a database.

▶ **True**

▶ False

Ref:Pg#178

**Types of IDS includes:**

• **Neural networks: An IDS with this feature monitors the general patterns of activity and traffic on the network and creates a database.**

Question No: 24 ( Marks: 1 ) - Please choose one

The purpose of data flow diagrams is to provide a ----- between users and systems developers

▶ **Linking bridge**

▶ Empty space

▶ Data Flows

Options a and b

Ref:Pg#116

**The purpose of data flow diagrams is to provide a linking bridge between users and systems developers**

Question No: 25 ( Marks: 1 ) - Please choose one

----- combines many human resource functions like benefits administration, payroll, recruiting and training etc.

## ▶ **Human Resource Information Systems**

▶ Account Information System

▶ Financial Information System

Ref:Pg#67

**Human Resource Information Systems**

**It is an information system that combines many human resources functions, including benefits administration, payroll, recruiting and training, and performance analysis and review into one package.**

Question No: 26 ( Marks: 1 ) - Please choose one

Which of the following model is a series of short waterfall cycles, each producing an early prototype representing a part of the entire project?

▶ **Spiral**

▶ Iterative

▶ Waterfall

- ▶
- ▶ Incremental

**Ref:Pg#98**

Spiral Model

**It's actually a series of short waterfall cycles, each producing an early prototype representing a part of the entire project.**

Question No: 27 ( Marks: 1 ) - Please choose one

The Internet Protocol is designed solely for the connecting and routing of data packets across an internet.

- ▶ True
- ▶ **False**

**Ref:Pg#174**

The concept of Web

**The Internet Protocol is designed solely for the addressing and routing of data packets across a network.**

Question No: 28 ( Marks: 1 ) - Please choose one

Which of the following need to be ranked first on the basis of their probability of occurrence? **▶ Threat**

- ▶ Damage
- ▶ Accident
- ▶ All of the above

**Ref:Pg#143**

**Having identified the threats, they need to be ranked on the basis of their probability of occurrence.**

Question No: 29 (Marks: 1) - Please choose one

Active Attack is one of the types of Web Security Threats.



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## ► True

► False

Ref:Pg#174

Web Security Threats

There is two major classes of security threats

- Passive Attacks
- Active Attacks

Question No: 30 ( Marks: 1 ) - Please choose one  
Object oriented analysis focuses on \_\_\_\_\_

## ► Modular approach

- Incremental approach
- Traditional approach
- Derived

approach Ref:

**object-oriented programming, a modular approach to computer program (software) design. Each module, or object, combines data and procedures (sequences of instructions) that act on the data; in traditional, or procedural, programming the data are separated from the instructions**

<http://encyclopedia2.thefreedictionary.com/object-oriented+programming>

## paper 6

FINAL TERM EXAMINATION

Fall 2008

CS507- Information Systems (Session - 1)

Question No: 1 ( Marks: 1 ) - Please choose one

Systems have collection of predefined -----related to each other in a sequenced logical manner in order to collectively achieve the desired results.

## Procedures

Sequences

Policies

Ref: Pg#28

**Systems have collection of predefined procedures related to each other in a sequenced logical manner in order to collectively achieve the desired results.**

Question No: 2 ( Marks: 1 ) - Please choose one

After her third data processing clerk showed up at work with wrist braces, Ms. Jackson called a specialty firm to assess the design of their work environment.



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This firm specializes in \_\_\_\_\_:

Furniture layout

Video display terminals

**Ergonomics**

Lighting

**Ref:**

<http://en.wikipedia.org/wiki/Ergonomics>

**Ergonomics\* is the science of designing the workplace environment**

**to fit the user. Proper ergonomic design is necessary to prevent**

**repetitive strain injuries**

Question No: 3 ( Marks: 1 ) - Please choose one

Customer touch point is a method of interaction with a customer, such as telephone, e-mail, a customer service or help desk, conventional mail, Web site and store.

**True**

False

**Ref:Pg#240** [http://books.google.com.pk/books?id=kL2XvT\\_OKEgC&pg=PA240&lpg=PA240&dq=Customer+touch+point+is+a+method+of+interaction+with+a+customer,+such+as+telephone,+email,+a+customer+service+or+help+desk,+conventional+mail,+Web+site+and+store&source=bl&ots=9BUSOI1Joa&sig=pXCk7uNCSoy\\_cIFCyL9wmx\\_bdRY&hl=en&ei=SOtTTcvDO5yShAejpMmaCQ&sa=X&oi=book\\_result&ct=result&resnum=3&ved=0CCEQ6AEwAg#v=onepage&q=Customer%20touch%20point%20is%20a%20method%20of%20interaction%20with%20a%20customer%2C%20such%20as%20telephone%2C%20email%2C%20a%20customer%20service%20or%20help%20desk%2C%20conventional%20mail%2C%20Web%20site%20and%20store&f=false](http://books.google.com.pk/books?id=kL2XvT_OKEgC&pg=PA240&lpg=PA240&dq=Customer+touch+point+is+a+method+of+interaction+with+a+customer,+such+as+telephone,+email,+a+customer+service+or+help+desk,+conventional+mail,+Web+site+and+store&source=bl&ots=9BUSOI1Joa&sig=pXCk7uNCSoy_cIFCyL9wmx_bdRY&hl=en&ei=SOtTTcvDO5yShAejpMmaCQ&sa=X&oi=book_result&ct=result&resnum=3&ved=0CCEQ6AEwAg#v=onepage&q=Customer%20touch%20point%20is%20a%20method%20of%20interaction%20with%20a%20customer%2C%20such%20as%20telephone%2C%20email%2C%20a%20customer%20service%20or%20help%20desk%2C%20conventional%20mail%2C%20Web%20site%20and%20store&f=false)

Question No: 4 ( Marks: 1 ) - Please choose one

Buying and selling of products, services and information via computer networks, primarily the Internet is :

**E-Commerce**

E-Business

Web Surfing

BPR

**Ref:Pg#186**



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## E-Commerce

**Electronic Commerce (e-commerce or EC) describes the buying, selling, and exchanging of products, services, and information via computer network, primarily the internet.**

Question No: 5 ( Marks: 1 ) - Please choose one

Which of the following refers to the process of identifying attempts to penetrate a system and gain unauthorized access?

Threat Identification

## Intrusion detection

Access Control

All of above

**Ref:Pg#160**

Intrusion detection

**Intrusion detection refers to the process of identifying attempts to penetrate a system and gain unauthorized access**

Question No: 6 ( Marks: 1 ) - Please choose one

They represent Equations / Formulae representing relationship between two or more factors related to each other in a defined manner is called----- Graphical Model

## Mathematical Model

Algebra Model

**Ref:Pg#48**

Mathematical Models

**They represent Equations / Formulae representing relationship between two or more factors related to each other in a defined manner.**

Question No: 7 ( Marks: 1 ) - Please choose one

Which of the following includes assessment of controls already been implemented or planned, probability that they can be broken, assessment of potential loss despite such controls existing?

## Control Analysis

Vulnerability Assessment

Risk Management

All of above

**Ref:Pg#166**

Control Analysis

**This phase includes assessment of controls already been implemented or planned, probability that they can be broken, assessment of potential loss despite such controls existing.**

Question No: 8 ( Marks: 1 ) - Please choose one



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Likelihood Determination phase determines that a potential vulnerability could be exercised by a given threat-source.

**True**

False

**Ref:Pg#166**

Likelihood Determination

• This phase determines that a potential vulnerability could be exercised by a given threat-source.

Question No: 9 ( Marks: 1 ) - Please choose one

Which of the following likelihood level is true for the following?

"The threat source lacks motivation or capability or controls are in place to prevent or at least significantly impede the vulnerability from being exercised."

High

**Low**

Medium

None of these

**Ref:Pg#166**

**LOW**

The threat source lacks motivation or capability or controls are in place to prevent or at least significantly impede the vulnerability from being exercised.

Question No: 10 ( Marks: 1 ) - Please choose one

Production subsystem needs to be linked with the marketing system to -----right amount of product. **Produce**

Sale

**Purchase Ref:Pg#65 Marketing :**

**Production subsystem needs to be linked with the marketing system so as to produce right amount of product.**

Question No: 11 ( Marks: 1 ) - Please choose one

Which of the following focus on detecting potentially abnormal behavior in function of operating system or request made by application software?

Active Monitors

Scanners

Anti virus

**Behavior blockers**

**Ref:Pg# 153**



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Behavior blockers

**Focus on detecting potentially abnormal behavior in function of operating system or request made by application software.**

Question No: 12 ( Marks: 1 ) - Please choose one

The main source of bugs in computer programs is the complexity of decision making code.

**True**

False

**Ref:Q#9**

[http://wpscms.pearsoncmg.com/bp\\_laudon\\_mis\\_9/0,,2101944justcontent,00.utf8.html](http://wpscms.pearsoncmg.com/bp_laudon_mis_9/0,,2101944justcontent,00.utf8.html)

Question No: 13 ( Marks: 1 ) - Please choose one

Entity represents sources of data received by the system or destinations of the data produced by the system.

**True**

False

**Ref:Pg# 116**

**Entity represents sources of data received by the system or destinations of the data produced by the system.**

Question No: 14 ( Marks: 1 ) - Please choose one

The flowchart helps in locating and correcting errors also called debugging.

**True**

False

**Ref:Pg# 115**

**Proper Debugging: The flowchart helps in locating and correcting errors (Also called debugging).**

Question No: 15 ( Marks: 1 ) - Please choose one

The purpose of data flow diagrams is to provide a ----- between users and systems developers

**Linking bridge**

Empty Space

Data Flows

Options a and b

**Ref:Pg#116**

**The purpose of data flow diagrams is to provide a linking bridge between users and systems developers.**

Question No: 16 ( Marks: 1 ) - Please choose one





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Which of the following level is formulation of new sales products, and identifying new sales opportunities?

Operational

Managerial

**Strategic**

**Ref:Pg#66**

**Strategic Level**

**1. Formulation of new sales products, and identifying new sales opportunities.**

**2. Planning support for new products and services**

**3. Monitoring competitors**

Question No: 17 ( Marks: 1 ) - Please choose one

Computer-aided manufacturing (CAM), is a form of automation where computers communicate work instructions directly to the manufacturing machinery. **True**

False

**Ref:Pg#63**

**Computer-aided manufacturing (CAM) is a form of automation where computers communicate work instructions directly to the manufacturing machinery.**

Question No: 18 ( Marks: 1 ) - Please choose one

The comparison of the actual with the expected is done with the help of \_\_\_\_\_ Input element Processing

## Control mechanism

**Ref:Pg#33**

**This comparison of actual with expected output is done with the help of control mechanism.**

Question No: 19 ( Marks: 1 ) - Please choose one

The spiral model emphasizes the need to go back and reiterate earlier steps a number of times as the project progresses.

**True**

False

**Ref:Pg#98**

**Spiral Model**

**The spiral model emphasizes the need to go back and reiterate earlier steps a number of times as the project progresses.**

Question No: 20 ( Marks: 1 ) - Please choose one

Providing access to the data and behavior is through an objects interface is called \_\_\_\_\_





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Polymorphism

**Encapsulation**

Message passing **Ref: Slide #17**

## OOSAD Chapter 2

Question No: 21 ( Marks: 1 ) - Please choose one

Which of the following is a logical record of computer activities, usage, processing pertaining to an operating or application system or user activities?

Control Log

Control trial

**Audit trail**

**Ref:Pg#159**

**An audit trail is a logical record of computer activities/usage/processing pertaining to an operating or application system or user activities..**

Question No: 22 ( Marks: 1 ) - Please choose one

Control Trial can be used together with access controls to identify and provide information about users suspected of improper modification of data.

True

**False**

**Ref:Pg#159**

**Audit trails can be used together with access controls to identify and provide information about users suspected of improper modification of data (e.g., introducing errors into a database).**

Question No: 23 ( Marks: 1 ) - Please choose one

Risk Management is the process of measuring, or assessing risk and then developing strategies to manage the risk.

**True**

False

**Ref:Pg#162**

Risk Management

**Risk Management is the process of measuring, or assessing risk and then developing strategies to manage the risk.**

Question No: 24 ( Marks: 1 ) - Please choose one

In assessing risks for an IT system, \_\_\_\_\_ is the first step.



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## To define the scope of the effort.

# Vulnerability Assessment

threat identification

**Ref: Pg#163**

### System Characterization

**In assessing risks for an IT system, the first step is to define the scope of the effort. The resources and information that constitute the system are identified.**

Question No: 25 ( Marks: 1 ) - Please choose one

Risk Management determines that a potential vulnerability could be exercised by a given threat-source.  
True

**False**

**Ref: Pg#166**

### Impact Analysis

**This phase determines that a potential vulnerability could be exercised by a given threat-source.**

Question No: 26 ( Marks: 1 ) - Please choose one

Risk management is often based on the experience, insight and intuition of program managers and key stakeholders in the program.

True

**False**

**A risk analysis involves identifying the most probable threats to an organization and analyzing the related vulnerabilities of the organization to these threats.**

Question No: 27 ( Marks: 1 ) - Please choose one

Active Attack is one of the types of Web Security information system.

True

**False**

**Ref: Pg#174**

### Web Security Threats

**There is two major classes of security threats**

- **Passive Attacks**
- **Active Attacks**

Question No: 28 ( Marks: 1 ) - Please choose one

IDS works in conjunction with routers and firewalls by monitoring network usage anomalies to protect a company's information systems resources from external as well as internal misuse.

**True**

False



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**Ref: Pg#178**

**IDS Stands for "Intrusion Detection Systems".**

**An IDS works in conjunction with routers and firewalls by monitoring network usage anomalies. It protects a company's information systems resources from external as well as internal misuse.**

Question No: 29 ( Marks: 1 ) - Please choose one

Business-to-business EC (B2B) is one of the types of E-Commerce.

**True**

False

**Ref:**

<http://www.pdfchaser.com/E-Commerce-Types.html>

Question No: 30 ( Marks: 1 ) - Please choose one

Temporal CSFs in an organization, results from \_\_\_\_\_

Economic changes

Technological changes

**Internal needs and changes**

Environmental changes

**Ref: Pg#135**

**Temporal CSFs resulting from internal organizational needs and changes.**

**Paper 7**

**FINALTERM EXAMINATION**

**Spring 2010**

**CS507- Information Systems**

Time: 90 min

Marks: 60

**Question No: 1 ( Marks: 1 ) - Please choose one**

**Small organizations usually have complex management structure.**

► True

► **False**

**Ref;Pg#17**

**Small Organizations**

**Small organizations usually have simple management structure.**



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## Question No: 2 ( Marks: 1 ) - Please choose one

A hierarchical organization is structured in a way such that every entity in the organization, except one, is subordinate to a single other entity. **► True**

► False

Ref: Pg#20

A hierarchical organization is organization structured in a way such that every entity in the organization, except one, is subordinate to a single other entity.

## Question No: 3 ( Marks: 1 ) - Please choose one

Past court decisions have stated that privacy must be balanced against the needs of society. **► True**

► False

Ref: Pg#207

Protecting Privacy

There are certain important considerations. The rights of privacy must be balanced against the needs of the society.

## Question No: 4 ( Marks: 1 ) - Please choose one

Business is a system where management decisions are influenced by or have an influence on suppliers, customers, society as a whole. **► True** ► False

Ref: Pg#31

Business is a system where management decisions are influenced by or have an influence on suppliers, customers, society as a whole.

## Question No: 5 ( Marks: 1 ) - Please choose one

Customer touch point is a method of interaction with a customer, such as telephone, e-mail, a customer service or help desk, conventional mail, Web site and store.

► True

► False

Ref: 240 [http://books.google.com.pk/books?id=kL2XvT\\_OKEgC&pg=PA240&lpg=PA240&dq=Customer+touch+point+is+a+method+of+interaction+with+a+customer,+such+as+telephone,+email,+a+customer+service+or+help+desk,+conventional+mail,+Web+site+and+store.&source=bl&ots=9BUSOI1P2g&sig=5ZxU7aDlh6RkyWoXE5RPuObecEI&hl=en&ei=u-1TTcrACM6KhQefwdiXCQ&sa=X&oi=book\\_result&ct=result&resnum=3&ved=0CCEQ6AEwAg#v=onepage&q=Customer%20touch%20point%20is%20a%20method%20of%20interaction%20with%20a%20customer%2C%20such%20as%20telephone%2C%20e-mail%2C%20a%20customer%20service%20or%20help%20desk%2C%20conventional%20mail%2C%20Web%20site%20and%20store.&f=false](http://books.google.com.pk/books?id=kL2XvT_OKEgC&pg=PA240&lpg=PA240&dq=Customer+touch+point+is+a+method+of+interaction+with+a+customer,+such+as+telephone,+email,+a+customer+service+or+help+desk,+conventional+mail,+Web+site+and+store.&source=bl&ots=9BUSOI1P2g&sig=5ZxU7aDlh6RkyWoXE5RPuObecEI&hl=en&ei=u-1TTcrACM6KhQefwdiXCQ&sa=X&oi=book_result&ct=result&resnum=3&ved=0CCEQ6AEwAg#v=onepage&q=Customer%20touch%20point%20is%20a%20method%20of%20interaction%20with%20a%20customer%2C%20such%20as%20telephone%2C%20e-mail%2C%20a%20customer%20service%20or%20help%20desk%2C%20conventional%20mail%2C%20Web%20site%20and%20store.&f=false)

o&dq=Customer+touch+point+is+a+method+of+interaction+with+a+customer,

+such+as+telephone,+email,+a+customer+service+or+help+desk,+conventional+mail,+Web+site+and

+store.&source=bl&ots=9BUSOI1P2g&sig=5ZxU7aDlh6RkyWoXE5RPuObecEI&hl=en&ei=u-

1TTcrACM6KhQefwdiXCQ&sa=X&oi=book\_result&ct=result&resnum=3&ved=0

CCEQ6AEwAg#v=onepage&q=Customer%20touch%20point%20is%20a%20met

hod%20of%20interaction%20with%20a%20customer%2C%20such%20as%20te

lephone%2C%20e-mail%2C%20a%20customer%20service%20or%20help%20desk%2C%20conven

tional%20mail%2C%20Web%20site%20and%20store.&f=false



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**Question No: 6 ( Marks: 1 ) - Please choose one**  
**Which of the following functions provide such data as sales prospect and contact information, product information, product configurations and sales quotes?**      ► **Sales force automation (SFA)**

- CRM
- ERP
- MIS

**Ref:**

[http://books.google.com.pk/books?id=kL2XvT\\_OKEgC&pg=PA240&lpg=PA240&dq=CRM+functions+provide+such+data+as+sales+prospect+and+contact+information,+product+information,+product+configurations+and+sales+quotes&source=bl&ots=qBUSOI1GYe&sig=Ywa6KH1D2hzPgmIBqkJYnagWpko&hl=en&ei=-elTTbH2KNODhQfe4ameCOQ&sa=X&oi=book\\_result&ct=result&resnum=1&ved=0CBQQ6AEwAA#v=onepage&q=CRM%20functions%20provide%20such%20data%20as%20sales%20prospect%20and%20contact%20information%2C%20product%20information%2C%20product%20configurations%20and%20sales%20quotes&f=false](http://books.google.com.pk/books?id=kL2XvT_OKEgC&pg=PA240&lpg=PA240&dq=CRM+functions+provide+such+data+as+sales+prospect+and+contact+information,+product+information,+product+configurations+and+sales+quotes&source=bl&ots=qBUSOI1GYe&sig=Ywa6KH1D2hzPgmIBqkJYnagWpko&hl=en&ei=-elTTbH2KNODhQfe4ameCOQ&sa=X&oi=book_result&ct=result&resnum=1&ved=0CBQQ6AEwAA#v=onepage&q=CRM%20functions%20provide%20such%20data%20as%20sales%20prospect%20and%20contact%20information%2C%20product%20information%2C%20product%20configurations%20and%20sales%20quotes&f=false)

**Question No: 7 (Marks: 1) - Please choose one**

A \_\_\_\_\_ is an agreed-upon set of conventions that defines the rules of communication.

- *Protocol*
- Interconnection Medium
- Data Packet
- Message

**Ref: Pg#138**

**A protocol is an agreed-upon set of conventions that defines the rules of communication.**



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**Question No: 8 ( Marks: 1 ) - Please choose one -**  
**-----is a type of computer software that facilitates group decisionmaking within an organization**

► **EMS**

► **DSS** ►

**MIS**

**Ref: Pg#49**

**An electronic meeting system (EMS) is a type of computer software that facilitates group decision-making**

**Question No: 9 ( Marks: 1 ) - Please choose one** The identification of risks should start with:

► **Description of the internal and external risks**

- A brainstorming session with risk management experts and a program profile
- A good understanding of the program and a brainstorming session with key stakeholders

► **Definitions of likelihood and impact** **Ref:**

**Question No: 10 ( Marks: 1 ) - Please choose one**

**Automated data** are less susceptible to destruction and misuse than paper data.

► **True** ► **False** **Ref:**

[http://wpscms.pearsoncmg.com/bp\\_laudon\\_mis\\_9/0,,2101944justcontent,00.utf8.html](http://wpscms.pearsoncmg.com/bp_laudon_mis_9/0,,2101944justcontent,00.utf8.html)

**Question No: 11 ( Marks: 1 ) - Please choose one** Wireless computing devices are not **subject** to viruses.

► **True** ► **False** **Ref:**

[http://wpscms.pearsoncmg.com/bp\\_laudon\\_mis\\_9/0,,2101944justcontent,00.utf8.html](http://wpscms.pearsoncmg.com/bp_laudon_mis_9/0,,2101944justcontent,00.utf8.html)

**Question No: 12 ( Marks: 1 ) - Please choose one**

The purpose of a class is to specify a classification of objects and to specify the features that characterize the structure and behavior of those objects.





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► True

► False

**Ref:Pg#129**

**“The purpose of a class is to specify a classification of objects and to specify the features that characterize the structure and behavior of those objects.”**

**Question No: 13 ( Marks: 1 ) - Please choose one** Null value may or may not be called zero value.

► True

► **False**

**Ref:Pg#124**

**Null : is a blank read as zero value. E.g. the various categories of graduation degrees (B.A., B.Com., BSc, etc) will apply to graduates and not to non-graduates and would be read as “Not Applicable**

**Question No: 14 ( Marks: 1 ) - Please choose one**

**Existence of functional departments in each organization may vary with the nature of industry and the nature of products/services being offered.**

► **True**

► False

**Ref:Pg#57**

**Existence of Functional departments in every organization vary with the nature of industry and the nature of products/services being offered**

**Question No: 15 ( Marks: 1 ) - Please choose one**

**RAID model combines the elements of the waterfall model with the philosophy of prototyping.**

► True

► **False**

**Ref:Pg#94**

**Incremental Model**

**This model combines the elements of the waterfall model with the philosophy of prototyping.**

**Question No: 16 ( Marks: 1 ) - Please choose one** \_\_\_\_\_ means information hiding.

► Inheritance

► Encapsulation

► Class

**Ref:Pg#132**

**Encapsulation**

**Encapsulation means information hiding. For instance, when the Play Button is pressed, the tape is played.**



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## Question No: 17 ( Marks: 1 ) - Please choose one

Testing is easy for the software that is developed using OOAD due to use of

- ▶ *Modular approach*
- ▶ Real time modeling
- ▶ Usability feature

**Ref: object-oriented programming, a modular approach to computer program (software) design. Each module, or object, combines data and procedures (sequences of instructions) that act on the data; in traditional, or procedural, programming the data are separated from the instructions**

## Question No: 18 ( Marks: 1 ) - Please choose one

Characteristics of object are called \_\_\_\_\_

- ▶ Methods
- ▶ *Attributes*
- ▶ Status

**Ref:Pg#131**

**Attributes are the characteristics of object / class and methods are the operations related to the object / class**

## Question No: 19 ( Marks: 1 ) - Please choose one

An event-oriented log usually contains records describing system events, application events, or user events.

- ▶ *True*
- ▶ False

**Ref:Pg#159**

**(1) An event-oriented log ---- this usually contain records describing system events, application events, or user events. Question No: 20 ( Marks: 1 ) - Please choose one**

An information technology (IT) audit is an Examination of the controls within an entity's Information technology infrastructure .

- ▶ *True*
- ▶ False

**Ref:Pg#160**

**An information technology (IT) audit or information systems (IS) audit is an examination of the controls within an entity's Information technology infrastructure.**





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## Question No: 21 ( Marks: 1 ) - Please choose one

In assessing risks for an IT system, \_\_\_\_\_ is the first step.

► **To define the scope of the effort.**

- Vulnerability Assessment
- threat identification

Ref:Pg#163

**System Characterization**

**In assessing risks for an IT system, the first step is to define the scope of the effort.**

## Question No: 22 ( Marks: 1 ) - Please choose one

Risk Management includes assessment of controls already been implemented or planned, probability that they can be broken, assessment of potential loss despite such controls existing.

► True

► **False**

PG#166

**Control Analysis**

**This phase includes assessment of controls already been implemented or planned, probability that they can be broken, assessment of potential loss despite such controls existing. Question No: 23 ( Marks: 1 ) - Please choose one**

Access Control refers to the process of identifying attempts to penetrate a system and gain unauthorized access.

► True

► **False**

Page 160

**Intrusion detection**

**Intrusion detection refers to the process of identifying attempts to penetrate a system and gain unauthorized access. If audit trails have been designed and implemented to record appropriate information, they can assist in intrusion detection.**

**Question No: 24 ( Marks: 1 ) - Please choose one "M-Commerce" stands for Mobile Commerce.**

► True

False

Ref: Pg#186

**M-Commerce (mobile commerce) refers to the conduct of ecommerce via wireless devices.**

## Question No: 25 ( Marks: 1 ) - Please choose one

Past court decisions have stated that privacy must be balanced against the needs of ethics. ► True



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► False

Ref: Pg#207

Protecting Privacy

There are certain important considerations. The rights of privacy must be balanced against the needs of the society. Question No: 26 ( Marks: 1 ) - Please choose one

Which of the following is the primary method for keeping a computer secure from intruders?

- Password
- Antivirus
- Scanners

► Firewall

Ref: Pg#155

Firewall

Firewall is the primary method for keeping a computer secure from intruders.

Question No: 27 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ is an association among entities. There has to be a relationship between two entities

- Value Sets
- Cardinality

► Relationships

Ref:Pg# 124

Relationships

A relationship is an association among entities. There has to be a relationship between two entities.

Question No: 28 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ are the symbol indicates the flow of the procedure being explained.

- Entity Relationship Diagram
- DFD

► Flowchart

Ref:Pg# 110

Symbols used for flow charts Arrow

The symbol indicates the flow of the procedure being explained.

Question No: 29 ( Marks: 1 ) - Please choose one

To accept the potential risk and continue operating the IT system or to implement controls to lower the risk to an acceptable level is called as -----

- Risk Planning



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- ▶ Risk Assumption
- ▶ Risk Limitation
- ▶ None of the above

Ref:Pg# 145

**Risk assumption: To accept the potential risk and continue operating the IT system or to implement controls to lower the risk to an acceptable level.**

**Question No: 30 ( Marks: 1 ) - Please choose one RAID models based on producing deliverables frequently/repetitively**

- ▶ True
- ▶ **False**

Ref:Pg# 96

**Iterative Models**

**Iterative models are an approach for developing systems based on producing deliverables frequently/repetitively.**

## Paper 8

FINAL TERM EXAMINATION  
Spring 2010  
CS507- Information Systems

**Question No: 1 ( Marks: 1 ) - Please choose one**

Information technology is being used to overcome the business issues like, Marketing, Brand of the product, Quality of the product, Cost control, Organizational internal and external issues.

- ▶ **True**

▶ False

Ref:Pg#26

**To solve a problem,:**

**Information technology is being used to overcome the business issues like, Marketing, Brand of the product, Quality of the product, Cost control, Organizational internal and external issues etc.**



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## Question No: 2 ( Marks: 1 ) - Please choose one

Ethics is a branch of philosophy that deals with what is considered to be right and wrong.

► True

► False **Ref:**

**Ethics**  
*The branch of philosophy concerned with evaluating human action. Some distinguish ethics, what is right or wrong based on reason, from morals, which is considered right or wrong behavior based on social custom.*

<http://www.nahi.org/public/579.cfm?sd=215>

## Question No: 3 ( Marks: 1 ) - Please choose one

Past court decisions have stated that privacy must be balanced against the needs of society.

► True

► **False**

**Ref: Pg#207**

**Protecting Privacy**

*There are certain important considerations. The rights of privacy must be balanced against the needs of the society.*

## Question No: 4 ( Marks: 1 ) - Please choose one

The components of open loop system do not include control and feedback mechanism.

► True

► False

**Ref:Pg#30**

*Hence the components of open loop system do not include control and feedback mechanism due to non-existence of internally defined objectives.*

## Question No: 5 ( Marks: 1 ) - Please choose one

ERP's major objective is to tightly integrate the functional areas of the organization and to enable seamless information flows across the functional areas.

► True

► False **Ref:**

*The major objective of ERP systems is to tightly integrate the functional areas of the organization and to enable seamless information flows across the functional areas.*

<http://books.google.com.pk/books?id=maK8xskEduYC&pg=PA292&lpg=PA292&dq=The+major+objective+of+ERP+systems+is+to+tightly+integrate+the+functional+areas+of+the+organization+and+to+enable+seamless+information+flow>



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[s+across+the+functional+areas&source=bl&ots=U53xlEn6F&sig=75cieODMJNndYjXKh7NsKDNgo44&hl=en&ei=ruFTTa2YHJqhAeGrJn6CA&sa=X&oi=book\\_result&ct=result&resnum=4&ved=oCCsQ6AEwAw#v=onepage&q&f=false](https://www.ranapk.com/s+across+the+functional+areas&source=bl&ots=U53xlEn6F&sig=75cieODMJNndYjXKh7NsKDNgo44&hl=en&ei=ruFTTa2YHJqhAeGrJn6CA&sa=X&oi=book_result&ct=result&resnum=4&ved=oCCsQ6AEwAw#v=onepage&q&f=false)

## Question No: 6 ( Marks: 1 ) - Please choose one

One of the methods of integrating different business information systems is :

► **Supply Chain management software**

► **Interface reconciliation software** ►

**Message passing** ► **None of the given options**

**Ref:Pg#193**

**Methods of integration**

**Information systems can be integrated in the following ways. Connect Existing modules/system**

**Use Supply Chain Management (SCM) Software**

**Use ERP Software**

## Question No: 7 ( Marks: 1 ) - Please choose one

In which of the following there is a direct interaction facilitated by auctions, classifieds, and bartering?

- EGovernment
- MCommerce
- *Consumer-to-consumer EC*
- Intrabusiness EC

**Ref:**

**Consumer-to-consumer EC – direct interaction facilitated by auctions, classifieds, and bartering .**

**Question No: 8 ( Marks: 1 ) - Please choose one** The identification of risks should start with:

- Description of the internal and external risks
- A brainstorming session with risk management experts and a program profile
- A good understanding of the program and a brainstorming session with key stakeholders
- **Definitions of likelihood and impact**



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**Question No: 9 ( Marks: 1 ) - Please choose one**  
**There are typically \_\_\_\_\_ kinds of audit records**

- ▶ One
- ▶ *Two*
- ▶ Three
- ▶ Four

**Ref:Pg#159**

**There are typically two kinds of audit records:**

- (1) An event-oriented log**
- (2) A record of every keystroke**

**Question No: 10 ( Marks: 1 ) - Please choose one**

**Which of the following refers to the process of identifying attempts to penetrate a system and gain unauthorized access?**

- ▶ *Intrusion detection*
- ▶ Audit Trial
- ▶ Control Trial
- ▶ Documentation

**Ref:Pg#160**

**Intrusion detection**

**Intrusion detection refers to the process of identifying attempts to penetrate a system and gain unauthorized access**

**Question No: 11 ( Marks: 1 ) - Please choose one**

**Input controls monitor the initial handshaking procedure of the user with the operating system.**

- ▶ True
- ▶ **False**

**Ref:Pg#156**

**Access Controls**

**These controls establish the interface between the would-be user of the computer system and the computer itself . These controls monitor the initial handshaking procedure of the user with the operating system.**





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## Question No: 12 ( Marks: 1 ) - Please choose one

Which one of the following computer systems uses duplication of components and data to cope with systems failures?

- ▶ *Fault-tolerant systems*
- ▶ Expert System
- ▶ MIS
- ▶ OIS

Q#9[http://wps.prenhall.com/bp\\_laudon\\_mis\\_9/32/8210/2101960.cw/content/index.html](http://wps.prenhall.com/bp_laudon_mis_9/32/8210/2101960.cw/content/index.html)

## Question No: 13 ( Marks: 1 ) - Please choose one

Data travels across the internet through several levels of networks until it reaches its middle point.

- ▶ True
- ▶ **False**

Ref:Pg#138

Data travels across the Internet through several levels of networks until it reaches its destination

## Question No: 14 ( Marks: 1 ) - Please choose one

According to “Booch”, object has following three components

- ▶ *State, Behavior, Identity*
- ▶ State, Behavior, Interface
- ▶ State, Interface, methods
- ▶ State, Variables, Methods

Ref:Pg#128

Components of object

According to Booch, there are three components of object. Objects have state, behavior and identity.

Question No: 15 ( Marks: 1 ) - Please choose one Null value may or may not be called zero value.

- ▶ True
- ▶ **False**



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Ref:Pg#124

Null : is a blank read as zero value. E.g. the various categories of graduation degrees (B.A., B.Com., BSc, etc) will apply to graduates and not to non-graduates and would be read as “Not Applicable

**Question No: 16 ( Marks: 1 ) - Please choose one**  
**A well designed system also helps in early detection of problems in critical areas.** ▶ True

▶ False

Ref:Pg#106

**Benefits of Good System Design**

A well designed system also helps in early detection of problems in critical areas, if any.

**Question No: 17 ( Marks: 1 ) - Please choose one**

What-if analysis technique is used by \_\_\_\_\_

- ▶ *Model Driven DSS*
- ▶ Data Driven DSS
- ▶ Data Mining

Ref:Pg#44

**Model driven DSS uses following techniques**

**What-If analysis:** Attempt to check the impact of a change in the assumptions (input data) on the proposed solution e.g. What will happen to the market share if the advertising budget increases by 5 % or 10%?

**Question No: 18 ( Marks: 1 ) - Please choose one**

The spiral model emphasizes the need to go back and reiterate earlier steps a number of times as the project progresses.

- ▶ *True*
- ▶ False

Ref:Pg#98

**Spiral Model**





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The spiral model emphasizes the need to go back and reiterate earlier steps a number of times as the project progresses.

## Question No: 19 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ installs a virus on the PC while performing another function.

- ▶ Overwriting Viruses
- ▶ Boot sector Virus
- ▶ **Dropper**

Ref:Pg#150

**Dropper**

A dropper is a program not a virus. It installs a virus on the PC while performing another function.

## Question No: 20 ( Marks: 1 ) - Please choose one

Control Trial can be used together with access controls to identify and provide information about users suspected of improper modification of data.

- ▶ True
- ▶ **False**

Ref:Pg#159

Audit trailscan be used together with access controls to identify and provide information about users suspected of improper modification of data (e.g., introducing errors into a database). Question No: 21 ( Marks: 1 ) - Please choose one

**BPR's** major objective is to tightly integrate the functional areas of the organization and to enable seamless information flows across the functional areas.

- ▶ True
- ▶ **False Ref:**

The major objective of ERP systems is to tightly integrate the functional areas of the organization and to enable seamless information flows across the functional areas.

[http://books.google.com.pk/books?id=maK8xskEduYC&pg=PA292&lpg=PA292&dq=The+major+objective+of+ERP+systems+is+to+tightly+integrate+the+functional+areas+of+the+organization+and+to+enable+seamless+information+flow+s+across+the+functional+areas&source=bl&ots=U53xlEn6F&sig=75cieODMJNndYjXKh7NsKDNgo44&hl=en&ei=ruFTTa2YHJqhAeGrJn6CA&sa=X&oi=book\\_result&ct=result&resnum=4&ved=0CCsQ6AEwAw#v=onepage&q&f=false](http://books.google.com.pk/books?id=maK8xskEduYC&pg=PA292&lpg=PA292&dq=The+major+objective+of+ERP+systems+is+to+tightly+integrate+the+functional+areas+of+the+organization+and+to+enable+seamless+information+flow+s+across+the+functional+areas&source=bl&ots=U53xlEn6F&sig=75cieODMJNndYjXKh7NsKDNgo44&hl=en&ei=ruFTTa2YHJqhAeGrJn6CA&sa=X&oi=book_result&ct=result&resnum=4&ved=0CCsQ6AEwAw#v=onepage&q&f=false)

## Question No: 22 ( Marks: 1 ) - Please choose one

The interface is implemented by \_\_\_\_\_

- ▶ Methods
- ▶ Signatures



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► *Classes*

► *Objects*

**A class that implements an interface must implement all of the methods described in the interface, or be an abstract class.**

[http://en.wikipedia.org/wiki/Interface\\_\(Java\)](http://en.wikipedia.org/wiki/Interface_(Java))

### Question No: 23 ( Marks: 1 ) - Please choose one

The flowchart helps in locating and correcting errors also called debugging.

► **True**

► False

**Ref:Pg#115**

**Proper Debugging: The flowchart helps in locating and correcting errors (Also called debugging).**

### Question No: 24 ( Marks: 1 ) - Please choose one

Which of the following refers to the requirement that information should be protected from improper modification?

► *Data Integrity*

► Validity

► Authenticity

► None of All

**Ref:Pg#144**

**Loss of integrity: System and data integrity refers to the requirement that information should be protected from improper modification.**

### Question No: 25 ( Marks: 1 ) - Please choose one

Which of the following helps in getting the right material and physical resources together at the right place and at the right time to meet the customer's requirements?

► BRP

► *MRP*

► CRP

**Ref:Pg#62**

**MRP helps in getting the right material and physical resources together at the right place and at the right time to meet the customer's requirements**

### Question No: 26 ( Marks: 1 ) - Please choose one

Which of the following model is a series of short waterfall cycles, each producing an early prototype representing a part of the entire project?



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- ▶ Spiral
- ▶ Iterative
- ▶ WaterFall
- ▶ Incremental

Ref:Pg#98

### Spiral Model

It's actually a series of short waterfall cycles, each producing an early prototype representing a part of the entire project.

**Question No: 27 ( Marks: 1 ) - Please choose one**  
\_\_\_\_\_ is the set of interconnected structural elements that provide the framework for supporting the entire structure  
**Management System**

▶ Infrastructure

▶ Decision Support System

Ref:Pg#39

### Infrastructure :

Infrastructure, generally, is the set of interconnected structural elements that provide the framework for supporting the entire structure. It usually applies only to structures that are artificial.

**Question No: 28 ( Marks: 1 ) - Please choose one**

Which of the following need to be ranked first on the basis of their probability of occurrence?

▶ Threat

▶ Damage

▶ Accident

▶ All of the

above

Ref:Pg#143

Likelihood of occurrence of Threat:



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Having identified the threats, they need to be ranked on the basis of their probability of occurrence.

Question No: 29 ( Marks: 1 ) - Please choose one Active Attack is one of the types of Web Security Threats.

- ▶ True
- ▶ False

Ref:Pg#174

Web Security Threats

There is two major classes of security threats

- Passive Attacks
- Active Attacks

Question No: 30 ( Marks: 1 ) - Please choose one

Which of the following carries connotations of the class to which the object belonged?

- ▶ Class
- ▶ **Instance**
- ▶ Structure
- ▶ None of the above

Ref:Pg#129

Instance also carries connotations of the class to which the object belongs.

## Paper 9

### FINALTERM EXAMINATION Spring 2010 CS507- Information Systems

Question No: 1 ( Marks: 1 ) - Please choose one

Information technology can lead to a decrease in the time for decision making

▶ **True**

- ▶ False

Ref:

[http://books.google.com.pk/books?id=diTI8OIoa6oC&pg=PA199&dq=Information+technology+can+lead+to+a+decrease+in+the+time+for+decision+making&hl=en&ei=xpVTTdSdL9CN4QaHq8jaBQ&sa=X&oi=book\\_result&ct=result&resnum=10&ved=oCFUQ6AEwCQ#v=onepage&q=Information%20technology%20can%20lead%20to%20a%20decrease%20in%20the%20time%20for%20decision%20making&f=false](http://books.google.com.pk/books?id=diTI8OIoa6oC&pg=PA199&dq=Information+technology+can+lead+to+a+decrease+in+the+time+for+decision+making&hl=en&ei=xpVTTdSdL9CN4QaHq8jaBQ&sa=X&oi=book_result&ct=result&resnum=10&ved=oCFUQ6AEwCQ#v=onepage&q=Information%20technology%20can%20lead%20to%20a%20decrease%20in%20the%20time%20for%20decision%20making&f=false)

Question No: 2 ( Marks: 1 ) - Please choose one

Customer touch point is a method of interaction with a customer, such as telephone, e-mail, a customer service or help\_desk, conventional mail, Web site and store.

- ▶ True
- ▶ False



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Question No: 3 ( Marks: 1 ) - Please choose one

-----infrastructure consists of the physical facilities services and management that support all computing **resources in an organization**

▶ Information

▶ Decision ▶ Management

Reference:

Page # 39, Lecture # 09

Information infrastructure consists of the physical facilities services and management that support computing resources in an organization.

Question No: 4 ( Marks: 1 ) - Please choose one

Which of the following refers to the process of identifying attempts to penetrate a system and gain unauthorized access?

▶ Intrusion detection

▶ Audit Trial

▶ Control Trial

▶ Documentation

Page 160

REFERENCE: Intrusion detection refers to the process of identifying attempts to penetrate a system and gain unauthorized access. Question No: 5 ( Marks: 1 ) - Please choose one

The departmental structures are ----- in banking and financial sector.

▶ Different

▶ Same

▶ Mixed

Page 47

The departmental structures are different in banking and financial sector. This in turn becomes the basis of design and development of functional information systems

Question No: 6 ( Marks: 1 ) - Please choose one

Input controls monitor the initial handshaking procedure of the user with the operating system.

▶ True

▶ False

Ref: Access controls monitor the initial handshaking procedure of the user with the operating system.

Question No: 7 ( Marks: 1 ) - Please choose one

Logical intrusion skills needed to exploit logical exposures are more technical and complex as compared to physical exposures.

▶ True

▶ False

P#153 Logical intrusion

The skills needed to exploit logical exposures are more technical and complex as compared to physical exposures. Generally a similar term used in relation to logical intrusion is hacking.



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Question No: 8 ( Marks: 1 ) - Please choose one

MIS and DSS can be seen as having a systematic approach towards problem solution.

► True

► False

page 66

**MIS and DSS can be seen as having a systematic approach towards problem solution.**

Question No: 9 ( Marks: 1 ) - Please choose one

The protection of the interests of those relying on information, and the information systems and communications that delivers the information, from harm resulting from failures of availability, confidentiality, and integrity.

► True

► False

Page 129

**“The protection of the interests of those relying on information, and the information systems and communications that delivers the information, from harm resulting from failures of availability, confidentiality, and integrity.”**

Question No: 10 ( Marks: 1 ) - Please choose one

Which of the following are knowledge workers who facilitate the development of information systems and computer applications by bridging the communications gap that exists between non-technical system users, and System designers and developers?

► System Analysts

► Software Engineers

► System Designers

► Chief Executives

Page 93

**Systems Analyst**

**“These are knowledge workers who facilitate the development of information systems and computer applications by bridging the communications gap that exists between non-technical system users, and System designers and developers.”**

Question No: 11 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ is defined as “all elements that exist outside the boundary of the organization.

► Size

► Business Environment

► Business Structure

Lesson 5Page 14

**Business Environment is defined as “all elements that exist outside the boundary of the business (Organization) and have the potential to affect all or part of the organization**

Question No: 12 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ is the set of interconnected structural elements that provide the framework.





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- ▶ Infrastructure
- ▶ System
- ▶ Organization

Ref: Infrastructure, generally, is the set of interconnected structural elements that provide the framework for supporting the entire structure. It usually applies only to structures that are artificial. The term is used differently in a variety of fields; perhaps the single most wellknown usage is in economics, where it refers to physical infrastructure such as buildings and roads.

Question No: 13 ( Marks: 1 ) - Please choose one

Rectangle shape in the flow charts represents \_\_\_\_\_

- ▶ Decision
- ▶ Process
- ▶ Terminator

Explanation: This symbol is used to indicate an activity undertaken or action done.

Ref: Page No.111 (On that page, u Can see the Image of Rectangle )

Question No: 14 ( Marks: 1 ) - Please choose one

Rounded shaped symbol in the flow chart is called \_\_\_\_\_

- ▶ Connector
- ▶ Arrow
- ▶ Process

Question No: 15 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ overwrites every program/software/file it infects with itself.  
Hence the infected file no longer functions.

- ▶ Dropper
- ▶ Overwriting Viruses
- ▶ Boot sector Virus

page 140 lesson 32 Overwriting Viruses

As the name implies, it overwrites every program/software/file it infects with itself. Hence the infected file no longer functions. Question No: 16 ( Marks: 1 ) - Please choose one

Object oriented analysis focuses on the \_\_\_\_\_

- ▶ States of objects
- ▶ Collaboration of objects
- ▶ Implementation of objects

Question No: 17 ( Marks: 1 ) - Please choose one

An information technology (IT) audit is an Examination of the controls within an entity's Information technology infrastructure .

- ▶ True
- ▶ False page 150

An information technology (IT) audit or information systems (IS) audit is an examination of the controls within an entity's Information technology infrastructure.

Question No: 18 ( Marks: 1 ) - Please choose one



Web Site monitoring is the process used to view or record both the keystrokes entered by a computer user and the computer's response during an interactive session.   ▶ True

▶ **False**

Page 149

A record of every keystroke---- often called keystroke monitoring. **Keystroke monitoring** is the process used to view or record both the keystrokes entered by a computer user and the computer's response during an interactive session.

**Keystroke monitoring is usually considered a special case of audit trails.**

Question No: 19   ( Marks: 1 ) - Please choose one

A \_\_\_\_\_ is the possibility of a problem, whereas a problem is a risk that has already occurred.

▶ **Risk**

▶ Threat

▶ Intrusion

<http://www.pdhoneonline.org/courses/p130/p130content.pdf>

Question No: 20   ( Marks: 1 ) - Please choose one

The two major criteria that are used to analyze risks are Operational Effects and Situational Impacts

▶ True

▶ False

Question No: 21   ( Marks: 1 ) - Please choose one

Access Control refers to the process of identifying attempts to penetrate a system and gain unauthorized access

▶ True

▶ **False**

Page 150

**Intrusion detection**

Intrusion detection refers to the process of identifying attempts to penetrate a system and gain unauthorized access. If audit trails have been designed and implemented to record appropriate information, they can assist in intrusion detection.

**Question** No: 22   ( Marks: 1 ) - Please choose one “M-Commerce” stands for Mobile Commerce.

▶ True

▶ False

**(p#186)M-Commerce stands for Mobile Commerce.**

Question No: 23   ( Marks: 1 ) - Please choose one

Organizational Development is one of the types of Change.

▶ True

▶ False

Page 190





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## Types of Change

- **Organizational Development:** This is the more gradual and evolutionary approach to change. It bases on the assumption that it is possible to align corporate objectives with the individual employees' objectives. In practice, however, this will rarely be possible.
- **Reengineering:** This is known as corporate transformation or business transformation. It is the more radical form of change management, since it challenges all elements of processes or structures that have evolved over time.

Question No: 24 ( Marks: 1 ) - Please choose one

Preparing a situation for change by dis-confirming existing attitudes and behaviors is called Unfreezing.

- ▶ True
- ▶ False

## Page 193

Unfreezing -- Preparing a situation for change by disconfirming existing attitudes and behaviors.

Question No: 25 ( Marks: 1 ) - Please choose one

Which of the following activity consists of the discovery, modeling, specification and evaluation of requirements?

- ▶ Development
- ▶ Design
- ▶ Requirement
- ▶ Implementation

## Page 128

"The development activity consisting of the discovery, modeling, specification and evaluation of requirements,"

Donald Firesmith (Dictionary of Object Technology, 1995),

Question No: 26 ( Marks: 1 ) - Please choose one

Which of the following scans the operating system and application software for any virus based on the viruses they contain.

- ▶ Antivirus
- ▶ Scanners
- ▶ Active Monitors
- ▶ Firewall

## Lesson 33 Page 143

### Scanners

They scan the operating system and application soft ware for any virus based on the viruses they contain.

Question No: 27 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ is an association among entities. There has to be a relationship between two entities

- ▶ Value Sets
- ▶ Cardinality
- ▶ Relationships



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Page 114

## Relationships

A relationship is an association among entities. There has to be a relationship between two entities.

Question No: 28 ( Marks: 1 ) - Please choose one A dropper is a program not a virus.

► True

► False page 140 Lesson 32

## Dropper

A dropper is a program not a virus. It installs a virus on the PC while performing another function.

Question No: 29 ( Marks: 1 ) - Please choose one

Every decision we take in daily life requires some sort of data about the alternatives available.

► True

► False

Question No: 30 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ helps organization in gaining competitive advantage in the use of processes, effectiveness and efficiency.

► BPR

► CSF

► SPR

► MIS Page 124 use of BPR helps an organization in gaining competitive advantage in the use of processes, effectiveness and efficiency should also be kept in mind.

## Paper 10

### FINALTERM EXAMINATION Spring 2009

#### CS507- Information Systems

Question No: 1 ( Marks: 1 ) - Please choose one

Every decision we take in daily life requires some sort of information about the alternatives available.

► True

► False

Question No: 2 ( Marks: 1 ) - Please choose one

Information should be tailored in accordance with the organization's culture and structure.

► True

► False

Pg:13



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- Information should be tailored in accordance with the organization's culture and structure.

**Question No: 3 ( Marks: 1 ) - Please choose one**

Information technology has been criticized for having a negative effect on people's individuality

▶ False

▶ **True**

**Question No: 4 ( Marks: 1 ) - Please choose one**

Which of the following integrate the planning, management and use of all resources of the organization?

▶ **ERP**

▶ CRM

▶ ESS

▶ OIS

<http://quizlet.com/4399297/ism4930-test-1-flash-cards/>

**Question No: 5 ( Marks: 1 ) - Please choose one**

In which of the following there is a direct interaction facilitated by auctions, classifieds, and bartering?

▶ EGovernment

▶ MCommerce

▶ **Consumer-to-consumer EC**

▶ Intrabusiness EC

**Ref:** Auctions are so far the most popular C2C e-commerce activity.(Page No.185)

**Question No: 6 ( Marks: 1 ) - Please choose one**

Business-to-business EC (B2B) is one of the types of ECommerce.

▶ **TRUE**

▶ FALSE

**Explanation:** Business to Business (B2B) is a model to e-commerce where businesses conduct commerce amongst themselves over the Internet/Intranet.

**Question No: 7 ( Marks: 1 ) - Please choose one**

Which of the following refers to the process of identifying attempts to penetrate a system and gain unauthorized access?

▶ Threat Identification

▶ **Intrusion detection**

▶ Access Control

▶ All of above



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Page 160

**REFERENCE: Intrusion detection refers to the process of identifying attempts to penetrate a system and gain unauthorized access\**

**Question No: 8 ( Marks: 1 ) - Please choose one**

**Passive Attack is one of the types of Data Base Security Threat**

► True

► **False**

**Ref: Passive and active attacks are web security threats.**

**Question No: 9 ( Marks: 1 ) - Please choose one**

**Nature of vulnerability is an input source for Likelihood determination**

► **True**

► False

**Ref: The input to this phase is**

- Threat source motivation
- Threat capacity
- Nature of vulnerability
- Current Controls

**Question No: 10 ( Marks: 1 ) - Please choose one**

**In assessing risks for an IT system, which of the following is the first step?**

► **To define the scope of the effort.**

- Threat identification
- Vulnerability Assessment
- None of these

Page 153

**System Characterization** In assessing risks for an IT system, the first step is to define the scope of the effort. The resources and information that constitute the system are identified.

**Question No: 11 ( Marks: 1 ) - Please choose one.**

**Input controls monitor the initial handshaking procedure of the user with the operating system.**

**TRUE**

► **FALSE** Page 156

**Access Controls :**

These controls monitor the initial handshaking procedure of the user with the operating system. For example when a customer enter the card and the pin code in an automatic teller machine (ATM), the access controls are exercised by the system to block unwanted or illegitimate access.

**Question No: 12 ( Marks: 1 ) - Please choose one.**

**Cryptography primarily consists of two basic processes.**



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## ► TRUE

- FALSE

Page 146

**Encryption & Decryption** Cryptography primarily consists of two basic processes. These processes are explained through a diagram.

- Encryption – the process of converting data into codes (cryptograms)
- Decryption – the process of decoding the code arrived at data actually encrypted

**Question No: 13 ( Marks: 1 ) - Please choose one**

Which of the following is the process of converting data into codes?

- Cryptography

## ► Encryption

- Decryption
- None of these

Page 146

- Encryption – the process of converting data into codes (cryptograms)

**Question No: 14 ( Marks: 1 ) - Please choose one**

A Trojan horse virus stays dormant until a specific time or data condition is met.

- True

- False

Ref:Q#5 [http://wpscms.pearsoncmg.com/bp\\_laudon\\_mis\\_9/0,,2101944-justcontent,00.utf8.html](http://wpscms.pearsoncmg.com/bp_laudon_mis_9/0,,2101944-justcontent,00.utf8.html)

**Question No: 15 ( Marks: 1 ) - Please choose one.** Which of the following is a private enterprise owned communication network that uses internet protocols, network connectivity, and public telecommunication system to share organization's information or operations with its employees, and to enable the employees to communicate with each other?

- Internet

## ► Intranet

- Wireless communication
- None of above

Page 128

An intranet is a private enterprise owned communication network that uses Internet Protocols, network connectivity, and public telecommunication system to share organization's information or operations with its employees, and to enable the employees to communicate with each other.

**Question No: 16 ( Marks: 1 ) - Please choose one**

Which of the following is an object that exists and is distinguishable from other objects?



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## ► Entity

- Attribute
- Object
- Instance

### 25.2 Entity

An entity is an object that exists and is distinguishable from other objects. Page 113

**Question No: 17** ( Marks: 1 ) - Please choose one

Information that is outdated, inaccurate, or hard to understand has much less value

- **TRUE**
- FALSE [www.philadelphia.edu.jo/courses/MIS/Chap009.ppt](http://www.philadelphia.edu.jo/courses/MIS/Chap009.ppt)

**Question No: 27** ( Marks: 1 ) - Please choose one Active Attack is one of the types of Web Security information systems.

- True
- **False**

**Ref:** Active and passive attacks are two major types of web security threats.

**Question No: 28** ( Marks: 1 ) - Please choose one ERP Systems control all major business processes with single software architecture in real time.

## ► True

- False

[http://books.google.com/books?id=-AwDAp7Fe2UC&pg=PR5&dq=ERP+Systems+control+all+major+business+processes+with+single+software+architecture+in+real+time&hl=en&ei=GHzeTY\\_7Es7KrAfmxaTrCQ&sa=X&oi=book\\_result&ct=result&resnum=1&ved=oCCkQ6AEwAA#v=onepage&q=ERP%20System%20control%20all%20major%20business%20processes%20with%20single%20software%20architecture%20in%20real%20time&f=false](http://books.google.com/books?id=-AwDAp7Fe2UC&pg=PR5&dq=ERP+Systems+control+all+major+business+processes+with+single+software+architecture+in+real+time&hl=en&ei=GHzeTY_7Es7KrAfmxaTrCQ&sa=X&oi=book_result&ct=result&resnum=1&ved=oCCkQ6AEwAA#v=onepage&q=ERP%20System%20control%20all%20major%20business%20processes%20with%20single%20software%20architecture%20in%20real%20time&f=false)

**Question No: 29** ( Marks: 1 ) - Please choose one

Information technology can lead to increase electronic supervision of employees.

**True**

- False

**Question No: 30** ( Marks: 1 ) - Please choose one Which of the following is not considered Risk Management?

► An RBM tool that helps to address potential problems that could interfere with the achievement of results.

► On a daily basis, a manager analyses a situation and decides what actions should be taken, if any, given the uncertainties being faced.

► **A systematic approach to setting the best course of action by identifying and acting on risk issues**





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## Paper 11

**FINAL TERM EXAMINATION**

**fall 2008**

**CS507- Information Systems (Session - 5)**

### Question No: 1 ( Marks: 1 ) - Please choose one

In which of the following category information is presented in its original form, neither interpreted nor condensed nor evaluated by other writers ?

#### Primary Information

Tertiary Information

Secondary Information

All of above

**Ref: Some definitions of primary sources:**

1. Primary sources are original materials on which other research is based
2. They are usually the first formal appearance of results in the print or electronic literature (for example, the first publication of the results of scientific investigations is a primary source.)
3. They present information in its original form, neither interpreted nor condensed nor evaluated by other writers.

### Question No: 2 ( Marks: 1 ) - Please choose one

Ethical issues may be categorized into which of the following types? Privacy

Accuracy

Property

**All of above**

**Ref: There are certain aspects which when put together formulate a set of ethical issues. These are**

1. Privacy issues
2. Accuracy issues
3. Property issues
4. Accessibility issues

### Question No: 3 ( Marks: 1 ) - Please choose one

After her third data processing clerk showed up at work with wrist braces, Ms. Jackson called a specialty firm to assess the design of their work environment. This firm specializes in \_\_\_\_\_: video display terminals

**Ergonomics**

Lighting

furniture layout



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## Question No: 4 ( Marks: 1 ) - Please choose one

A person or a team who leads a change project or business-wide initiative by defining, researching, planning, building business support and carefully selecting volunteers to be part of a change team

**True**

False

P#64 [http://books.google.com/books?id=yYELU8CRgYwC&pg=PA64&dq=A+person+or+a+team+who+leads+a+change+project+or+businesswide+initiative+by+defining,+researching,+planning,+building+business+support+and+carefully+selecting+volunteers+to+be+part+of+a+change+team&hl=en&ei=4XzeTZ2aFYSqrAeEiannCQ&sa=X&oi=book\\_result&ct=result&resnum=1&ved=oCCkQ6AEwAA#v=onepage&q=A%20person%20or%20a%20team%20who%20leads%20a%20change%20project%20or%20businesswide%20initiative%20by%20defining%2C%20researching%2C%20planning%2C%20building%20business%20support%20and%20carefully%20selecting%20volunteers%20to%20be%20part%20of%20a%20change%20team&f=false](http://books.google.com/books?id=yYELU8CRgYwC&pg=PA64&dq=A+person+or+a+team+who+leads+a+change+project+or+businesswide+initiative+by+defining,+researching,+planning,+building+business+support+and+carefully+selecting+volunteers+to+be+part+of+a+change+team&hl=en&ei=4XzeTZ2aFYSqrAeEiannCQ&sa=X&oi=book_result&ct=result&resnum=1&ved=oCCkQ6AEwAA#v=onepage&q=A%20person%20or%20a%20team%20who%20leads%20a%20change%20project%20or%20businesswide%20initiative%20by%20defining%2C%20researching%2C%20planning%2C%20building%20business%20support%20and%20carefully%20selecting%20volunteers%20to%20be%20part%20of%20a%20change%20team&f=false)

## Question No: 5 ( Marks: 1 ) - Please choose one

Leading ERP software vendors include SAP (SAP R/3), Oracle and PeopleSoft.

**True**

False

**Reference**

CA ERwin Saphir Option extracts metadata from a variety of ERP applications — including SAP R/3, SAP BW, Oracle PeopleSoft Enterprise, Oracle JD Edwards

**Enterprise One, Oracle**

<http://www.ca.com/us/collateral/trials/na/CA-ERwin-Saphir-Option-r8Download-for-SAP-PeopleSoft-Siebel-Oracle-E-Business-Suite.aspx>

## Question No: 6 ( Marks: 1 ) - Please choose one

What are the steps and their order in EC order fulfillment?





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Ensuring payment, checking availability, arranging shipment, insurance, production, purchasing & warehousing, contacts with customers and returns Ensuring payment, checking availability, arranging shipment, insurance, production, purchasing & warehousing, and contacts with customers Ensuring payment, checking availability, arranging shipment, insurance, production, plant services, purchasing & warehousing, and contacts with customers

**Ensuring payment, checking availability, arranging shipment, insurance, production, plant services, purchasing & warehousing, contacts with customers and returns**

Q#1[http://wps.prenhall.com/bp\\_turban\\_ec\\_2008/79/20297/5196062.cw//5196065/index.html](http://wps.prenhall.com/bp_turban_ec_2008/79/20297/5196062.cw//5196065/index.html)

## Question No: 7 ( Marks: 1 ) - Please choose one

With a -----decision environment, there is the possibility of having very quick and very accurate feedback on the decision process.

*Closed-loop*

Open-loop

Closed System

**With a closed-loop decision environment, there is the possibility of having very quick and very accurate feedback on the decision process**

## Question No: 8 ( Marks: 1 ) - Please choose one

The major purpose of enhancing web security is to protect web server from attacks through the use of internet.

*True*

False

**Ref: The major purpose of enhancing web security is to protect web server from attacks through the use of internet.(Page No.180)**

## Question No: 9 ( Marks: 1 ) - Please choose one

Which of the following usually contain records describing system events, application events, or user events?

*An event-oriented log*

A record of every keystroke

Option a and b

None of these

**(1) An event-oriented log ---- this usually contain records describing system events, application events, or user events. An audit trail should include sufficient information to establish what events occurred and who (or what) caused them.**



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## Question No: 10 ( Marks: 1 ) - Please choose one

Which of the following is the science and art of transforming messages to make them secure and immune to attacks?

*Cryptography*

Crypto analysis

Decryption All of these

[http://highered.mcgraw-hill.com/sites/0072967757/student\\_view0/chapter30/multiple\\_choice\\_quiz.html](http://highered.mcgraw-hill.com/sites/0072967757/student_view0/chapter30/multiple_choice_quiz.html)

## Question No: 11 ( Marks: 1 ) - Please choose one

Crypto Analysis is the science and art of transforming messages to make them secure and immune to attacks.

True

**False**

[http://highered.mcgraw-hill.com/sites/0072967757/student\\_view0/chapter30/multiple\\_choice\\_quiz.html](http://highered.mcgraw-hill.com/sites/0072967757/student_view0/chapter30/multiple_choice_quiz.html)

## Question No: 12 ( Marks: 1 ) - Please choose one

Which of the following focus on detecting potentially abnormal behavior in function of operating system or request made by application software?

Scanners

Anti virus

*Behavior blockers*

Active Monitors

**PG#153**

**Behavior blockers**

**Focus on detecting potentially abnormal behavior in function of operating system or request made by application software.**

## Question No: 13 ( Marks: 1 ) - Please choose one

Which of the following is the primary method for keeping a computer secure from intruders?

Anti virus

Scanners

*Firewall*

Password Page 145

**Firewall**

**Firewall is the primary method for keeping a computer secure from intruders.**



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## Question No: 14 ( Marks: 1 ) - Please choose one

In case of logical intrusion, the intruder might be trying to have an unauthorized access to the system.

True

False

**Ref:** In case of logical intrusion, the intruder might be trying to have an unauthorized access to the system.

## Question No: 15 ( Marks: 1 ) - Please choose one

A denial-of-service attack floods a Web site with so many requests for services that it slows down or crashes.

True

False

[http://highered.mcgraw-hill.com/sites/0073195588/student\\_view0/chapter4/multiple\\_choice\\_quiz.html](http://highered.mcgraw-hill.com/sites/0073195588/student_view0/chapter4/multiple_choice_quiz.html)

## Question No: 16 ( Marks: 1 ) - Please choose one

The main source of bugs in computer programs is the complexity of decisionmaking code.

True

False **Ref:**

The main source of bugs is the complexity of the decision-making code..

## Question No: 17 ( Marks: 1 ) - Please choose one

Which of the following is some action or event that can lead to a loss?

Threat

Damage

Accident

None of above

**Ref:** "A threat is some action or event that can lead to a loss." **Question No: 18 ( Marks: 1 ) - Please choose one** The damage caused by the intrusion is referred as the :

Threats

Damages

Physical Threats

Logical Threats



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**Physical threat** – This refers to the damage caused to the physical infrastructure of the information systems, e.g.

- Fire
- Water
- Energy Variations
- Structural damage
- Pollution
- Intrusion

## Question No: 19 ( Marks: 1 ) - Please choose one

Which of the following is an object that exists and is distinguishable from other objects? **Entity**

Attribute

Object

Instance

**Ref:** An entity is an object that exists and is distinguishable from other objects.

## Question No: 20 ( Marks: 1 ) - Please choose one

The emerging class of applications focuses on Personalized decision support **TRUE**

FALSE

<http://www.slideshare.net/datacleaners11/decision-support-systems-decision-support-trends>

This emerging class of applications focuses on personalized decision support, modeling, information retrieval, data warehousing, what-if scenarios.

## Question No: 21 ( Marks: 1 ) - Please choose one

Decision making is the cognitive process of selecting a course of action from among ----- alternatives.

Multiple

Double

Triple

**Pg:59**

Decision making is the cognitive process of selecting a course of action from among multiple alternatives.

## Question No: 22 ( Marks: 1 ) - Please choose one

MIS is the primary source for the managers to be aware of red-alerts.

TRUE

FALSE



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**Ref:** Intelligence: Identifying the problems occurring in an organization. MIS is the primary source for the managers to be aware of red-alerts

## Question No: 23 ( Marks: 1 ) - Please choose one

In \_\_\_\_\_ final product is intangible

*Service sector*

Manufacturing Sector

Trading sector

**2. Service Sector**

**Page 8,9**

Final product is intangible, so information is critical at various steps, e.g. preparation, delivery and customer satisfaction. Quality maintenance is an issue which requires structured reporting.

## Question No: 24 ( Marks: 1 ) - Please choose one

Which of the following model combines the elements of the waterfall model with the philosophy of prototyping?

Iterative

*Incremental*

Raid

**Explanation:** The incremental model is a method of software/ Information System development where the model is designed, implemented and tested incrementally until the product is finished. This model combines the elements of the waterfall model with the philosophy of prototyping. (Page No.94)

## Question No: 25 ( Marks: 1 ) - Please choose one

Operations are usually called via \_\_\_\_\_

Functions

*Signatures*

Methods

**Explanation:** Operation called only via valid operation signature. (Page No.133) **Question No: 26 ( Marks: 1 ) - Please choose one**

Control Trail can be used together with access controls to identify and provide information about users suspected of improper modification of data.

True

**False**

**Explanation:** Audit trails can be used together with access controls to identify and provide information about users suspected of improper modification of data (e.g., introducing errors into a database)



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## Question No: 27 ( Marks: 1 ) - Please choose one

Risk Management includes assessment of controls already been implemented or planned, probability that they can be broken, assessment of potential loss despite such controls existing.

True

**False**

## Question No: 28 ( Marks: 1 ) - Please choose one

A \_\_\_\_\_ is the possibility of a problem, whereas a problem is a risk that has already occurred.

Risk

Threat

Intrusion

## Question No: 29 ( Marks: 1 ) - Please choose one

A Protocol is an agreed-upon set of conventions that defines the rules of communication.

True

False

**A protocol is an agreed-upon set of conventions that defines the rules of communication.**

## Question No: 30 ( Marks: 1 ) - Please choose one

Benefits to ERP systems are that they can be extremely complex, expensive and time-consuming to implement.

True **False** benefits that ERP systems offer there are many negatives as well. They can be extremely complex, expensive, and time consuming to implement, also companies may need.. <http://www.cyberessays.com/lists/implementing-erp-system-inzbms-company/page60.html>

## Paper 12

FINALTERM EXAMINATION

fall 2008

CS507- Information Systems (Session - 2)

Question No: 1 ( Marks: 1 ) - Please choose one

Factors of which of the following are basic elements of reducing manufacturing cost?

Brand

Cost





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Production

**Quality**

**Factors of production are basic elements of reducing manufacturing cost.**

**Question No: 2 ( Marks: 1 ) - Please choose one**

ERP or enterprise systems control all major business processes with a single software architecture in real time.

**True**

**False**

**Question No: 3 ( Marks: 1 ) - Please choose one**

The bullwhip effect refers to erratic shifts in orders up and down the supply chain because of poor demand forecasting, price fluctuation, order batching, and rationing within the chain.

**True False**

[http://webcache.googleusercontent.com/search?q=cache:oavnSqLnOcJ:iauec.info/getfile/pid:public\\_147219/Sec%252011.pdf+bullwhip+effect+refers+to+erratic+shifts+in+orders+up+and+down+the+supply+chain+because+of+poor+demand+forecasting,+price+fluctuation,+order+batching,+and+rationing+within+the+chain&cd=2&hl=en&ct=clnk&source=www.google.com](http://webcache.googleusercontent.com/search?q=cache:oavnSqLnOcJ:iauec.info/getfile/pid:public_147219/Sec%252011.pdf+bullwhip+effect+refers+to+erratic+shifts+in+orders+up+and+down+the+supply+chain+because+of+poor+demand+forecasting,+price+fluctuation,+order+batching,+and+rationing+within+the+chain&cd=2&hl=en&ct=clnk&source=www.google.com)

**Question No: 4 ( Marks: 1 ) - Please choose one**

The objective of the entire risk management process is that no one should hamper the working of the smooth working of IS.

**True**

**False**

**Ref: The objective of the entire risk management process is that no one should hamper the working of the smooth working of IS.**

**Question No: 5 ( Marks: 1 ) - Please choose one**

If an organization can tolerate some downtime, cold sites backup might be appropriate.

**True**

**False**

**Ref: If an organization can tolerate some downtime, cold sites backup might be appropriate.**

**Question No: 6 ( Marks: 1 ) - Please choose one**

Cryptography primarily consists of two basic processes.

**True**

**False**

**Explanation:**

**Encryption – the process of converting data into codes (cryptograms) Decryption – the process of decoding the code arrived at data actually encrypted**

**Question No: 7 ( Marks: 1 ) - Please choose one**



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Logical intrusion skills needed to exploit logical exposures are more technical and complex as compared to physical exposures.

True

False

[http://www.zainbooks.com/books/computer-sciences/information-systems\\_33\\_antivirus-software.html](http://www.zainbooks.com/books/computer-sciences/information-systems_33_antivirus-software.html) Question No: 8 ( Marks: 1 ) -

Please choose one

Firewall is the primary method for keeping a computer secure from intruders. **True**

False

[http://www.pcmag.com/encyclopedia\\_term/0,2542,t%3Dfirewall&i%3D43218,00.asp](http://www.pcmag.com/encyclopedia_term/0,2542,t%3Dfirewall&i%3D43218,00.asp)

Question No: 9 ( Marks: 1 ) - Please choose one

Where problem is recurring and repetitive, the common factors can be identified in order to identify a particular course of action is called

Structured decisions

Unstructured decisions Semi-Structured decisions

Ref:Pg#60

Structured decisions

Where problem is recurring and repetitive, the common factors can be identified in order to identify a particular course of action.

Question No: 10 ( Marks: 1 ) - Please choose one  
denial of service. **hacking**. spoofing  
sniffing

6) Denial of Service - DoS attacks give hackers a way to bring down a network without gaining internal access. DoS attacks work by flooding the access routers with bogus traffic (which can be e-mail or Transmission Control Protocol, TCP, packets).

Question No: 11 ( Marks: 1 ) - Please choose one  
Wireless computing devices are not subject to viruses.

True

False

Reference

Question No: 12 (

Marks: 1 ) - Please choose one





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A security program is a series of ongoing regular periodic reviews conducted to ensure that assets associated with the information systems function are safeguarded adequately.

**True**

False

**Ref: "A security program is a series of ongoing regular periodic reviews conducted to ensure that assets associated with the information systems function are safeguarded adequately." Question No: 13 ( Marks: 1 ) - Please choose one**

The Internet's technological success does not depend on its principal communication tools, the Transmission Control Protocol (TCP) and the Internet Protocol (IP).

True

**False**

**Explanation: Internet's technological success depends on TCP/IP.**

<http://www.answers.com/topic/internet>

choose one

**Question No: 14 ( Marks: 1 ) - Please**

Which of the following helps an organization in gaining competitive advantage in the use of processes, effectiveness and efficiency should also be kept in mind?

**BPR**

CSF

SPR

**[http://www.zainbooks.com/books/computer-sciences/informationssystems\\_27\\_object-oriented-analysis-and-design.html](http://www.zainbooks.com/books/computer-sciences/informationssystems_27_object-oriented-analysis-and-design.html)**

While use of BPR helps an organization in gaining competitive advantage in the use of processes, effectiveness and efficiency should also be kept in mind.

**Question No: 15 ( Marks: 1 ) - Please choose one**

Systems analysts work as a link between Business people, & Computer Programmers.

True

False

**Ref: Systems analysts work as a link between Business people, & Computer Programmers.**

**Question No: 16 ( Marks: 1 ) - Please choose one**

The First increment in incremental model is usually the core product which addresses the basic requirements of the system.

True

False

**Ref:** The first increment is usually the core product which addresses the basic requirements of the system. **Question No: 17 ( Marks: 1 ) - Please choose one**

Which of the following is a form of automation where computers communicate work instructions directly to the manufacturing machinery?

CAD

**CAM**

CIM

**Ref:** Computer-aided manufacturing (CAM) is a form of automation where computers communicate work instructions directly to the manufacturing machinery

**Question No: 18 ( Marks: 1 ) - Please choose one**

Which of the following phase of decision making process involves searching for conditions in the environment that call for decisions?

**Intelligence**

Design

Choice

Implementation

**Ref:** Decision-making process

- Intelligence – searching for conditions in the environment that call for decisions
- Design – inventing, developing, and analyzing possible courses of action
- Choice – selecting a course of action from those available
- Implementation – implementing the selected course of action
- Monitoring – checking the consequences of the decision made after implementation (Page No.71)

**Question No: 19 ( Marks: 1 ) - Please choose one**

Computer programmers apply information technology to build information systems which solves these problems but need not fully understand the business usages they are computerizing or supporting.

**True**

False

**Reference**

Computer programmers apply information technology to build information systems which solves these problems but need not fully understand the business usages they are computerizing or supporting.

**Question No: 20 ( Marks: 1 ) - Please choose one**

Rectangle shape in the flow charts represents \_\_\_\_\_

Decision

**Process**

Terminator

**Explanation:** This symbol is used to indicate an activity undertaken or action done.

**Question No: 21 ( Marks: 1 ) - Please choose one**



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\_\_\_\_\_ is a person who attempts to invade the privacy of the system. Hacktivists

## Hackers

Crackers

Page 144

Hackers

A hacker is a person who attempts to invade the privacy of the system.

Question No: 22 ( Marks: 1 ) - Please choose one

Characteristics of object are called \_\_\_\_\_

Methods

## Attributes

Status

Explanation: Attributes are the characteristics of object / class and methods are the operations related to the object / class.

Question No: 23 ( Marks: 1 ) - Please choose one

Operations are usually called via \_\_\_\_\_

Functions

## Signatures

Methods

Explanation: Operation called only via valid operation signature.

Question No: 24 ( Marks: 1 ) - Please choose one

Web Site monitoring is the process used to view or record both the keystrokes entered by a computer user and the computer's response during an interactive session.

True

False

The process used to view or record both the keystrokes entered by a computer user and the computer's response during an interactive session.

[http://webcache.googleusercontent.com/search?q=cache:wGXgyLIyLXkJ:https://wiki.umn.edu/pub/AuditSite/WebHome/IT\\_Audit\\_Glossary\\_-\\_Types\\_of\\_Attack.xlsx+Website+monitoring+is+the+process+used+to+view+or+record+both+the+keystrokes+entered+by+a+computer+user+and+the+computer%27s+response+during+an+interactive+session&cd=2&hl=en&ct=clnk&source=www.google.com](http://webcache.googleusercontent.com/search?q=cache:wGXgyLIyLXkJ:https://wiki.umn.edu/pub/AuditSite/WebHome/IT_Audit_Glossary_-_Types_of_Attack.xlsx+Website+monitoring+is+the+process+used+to+view+or+record+both+the+keystrokes+entered+by+a+computer+user+and+the+computer%27s+response+during+an+interactive+session&cd=2&hl=en&ct=clnk&source=www.google.com)

[https://wiki.umn.edu/pub/AuditSite/WebHome/IT\\_Audit\\_Glossary\\_-\\_Types\\_of\\_Attack.xlsx](https://wiki.umn.edu/pub/AuditSite/WebHome/IT_Audit_Glossary_-_Types_of_Attack.xlsx)

Types of Attack.xlsx+Website+monitoring+is+the+process+used+to+view+or+record+both+the+keystrokes+entered+by+a+computer+user+and+the+computer%27s+response+during+an+interactive+session&cd=2&hl=en&ct=clnk&source=www.google.com

Question No: 25 ( Marks: 1 ) - Please choose one

Likelihood Determination phase sometimes determines that a potential vulnerability could not be exercised by a given threatsource. True



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**False**

**Ref:** This phase determines that a potential vulnerability could be exercised by a given threat-source.

**Question No: 26 ( Marks: 1 ) - Please choose one**

Active Attack is one of the types of Web Security information systems. True

**False**

**Explanation:** Active and passive attacks are types of web security

**threats.**

**No: 27 ( Marks: 1 ) - Please choose one**

**Question**

Business-to-business EC (B2B) is one of the types of E-Commerce.

**True**

**False**

**Explanation:** Business to Business (B2B) is a model to e-commerce where businesses conduct commerce amongst themselves over the Internet/Intranet.

**Question No: 28 ( Marks: 1 ) - Please choose one**

Collaborative commerce is one of the types of B2B.

**True** False [http://docs.google.com/viewer?a=v&q=cache:FztO3BtYiZkJ:files.ecomclass.webnode.com/200000027-e2075e3018/Week%25205%2520%2520Lecture.ppt+Collaborative+commerce+is+one+of+the+types+of+B2B&hl=en&pid=bl&srcid=ADGEESie4PPRWKbuCfiBoTBiLYh6XS3dpmW3XZGC1A6V88AV5eWu75cNvtKuY7W52VHV05cEDmIVRmuPzAAAY3n7pk42dSUTgIjU4ZqavIFnPS7m6K9c6\\_KFikOnYLGHGGuu7oLov2Dx&sig=AHIEtbSrTtYErTl\\_SknzDbyuvZ39xgSg2A&pli=1](http://docs.google.com/viewer?a=v&q=cache:FztO3BtYiZkJ:files.ecomclass.webnode.com/200000027-e2075e3018/Week%25205%2520%2520Lecture.ppt+Collaborative+commerce+is+one+of+the+types+of+B2B&hl=en&pid=bl&srcid=ADGEESie4PPRWKbuCfiBoTBiLYh6XS3dpmW3XZGC1A6V88AV5eWu75cNvtKuY7W52VHV05cEDmIVRmuPzAAAY3n7pk42dSUTgIjU4ZqavIFnPS7m6K9c6_KFikOnYLGHGGuu7oLov2Dx&sig=AHIEtbSrTtYErTl_SknzDbyuvZ39xgSg2A&pli=1)

[mclass.webnode.com/200000027-](http://docs.google.com/viewer?a=v&q=cache:FztO3BtYiZkJ:files.ecomclass.webnode.com/200000027-e2075e3018/Week%25205%2520%2520Lecture.ppt+Collaborative+commerce+is+one+of+the+types+of+B2B&hl=en&pid=bl&srcid=ADGEESie4PPRWKbuCfiBoTBiLYh6XS3dpmW3XZGC1A6V88AV5eWu75cNvtKuY7W52VHV05cEDmIVRmuPzAAAY3n7pk42dSUTgIjU4ZqavIFnPS7m6K9c6_KFikOnYLGHGGuu7oLov2Dx&sig=AHIEtbSrTtYErTl_SknzDbyuvZ39xgSg2A&pli=1)

[e2075e3018/Week%25205%2520%2520Lecture.ppt+Collaborative+commerce+is+one+of+the+types+](http://docs.google.com/viewer?a=v&q=cache:FztO3BtYiZkJ:files.ecomclass.webnode.com/200000027-e2075e3018/Week%25205%2520%2520Lecture.ppt+Collaborative+commerce+is+one+of+the+types+of+B2B&hl=en&pid=bl&srcid=ADGEESie4PPRWKbuCfiBoTBiLYh6XS3dpmW3XZGC1A6V88AV5eWu75cNvtKuY7W52VHV05cEDmIVRmuPzAAAY3n7pk42dSUTgIjU4ZqavIFnPS7m6K9c6_KFikOnYLGHGGuu7oLov2Dx&sig=AHIEtbSrTtYErTl_SknzDbyuvZ39xgSg2A&pli=1)

[of+B2B&hl=en&pid=bl&srcid=ADGEESie4PPRWKbuCfiBoTBiLYh6XS3dpmW3XZGC1A6V88AV5eWu75cNvtKuY7W52V](http://docs.google.com/viewer?a=v&q=cache:FztO3BtYiZkJ:files.ecomclass.webnode.com/200000027-e2075e3018/Week%25205%2520%2520Lecture.ppt+Collaborative+commerce+is+one+of+the+types+of+B2B&hl=en&pid=bl&srcid=ADGEESie4PPRWKbuCfiBoTBiLYh6XS3dpmW3XZGC1A6V88AV5eWu75cNvtKuY7W52VHV05cEDmIVRmuPzAAAY3n7pk42dSUTgIjU4ZqavIFnPS7m6K9c6_KFikOnYLGHGGuu7oLov2Dx&sig=AHIEtbSrTtYErTl_SknzDbyuvZ39xgSg2A&pli=1)

[HV05cEDmIVRmuPzAAAY3n7pk42dSUTgIjU4ZqavIFnPS7m6K9c6\\_K](http://docs.google.com/viewer?a=v&q=cache:FztO3BtYiZkJ:files.ecomclass.webnode.com/200000027-e2075e3018/Week%25205%2520%2520Lecture.ppt+Collaborative+commerce+is+one+of+the+types+of+B2B&hl=en&pid=bl&srcid=ADGEESie4PPRWKbuCfiBoTBiLYh6XS3dpmW3XZGC1A6V88AV5eWu75cNvtKuY7W52VHV05cEDmIVRmuPzAAAY3n7pk42dSUTgIjU4ZqavIFnPS7m6K9c6_KFikOnYLGHGGuu7oLov2Dx&sig=AHIEtbSrTtYErTl_SknzDbyuvZ39xgSg2A&pli=1)

[FikOnYLGHGGuu7oLov2Dx&sig=AHIEtbSrTtYErTl\\_SknzDbyuvZ39xg](http://docs.google.com/viewer?a=v&q=cache:FztO3BtYiZkJ:files.ecomclass.webnode.com/200000027-e2075e3018/Week%25205%2520%2520Lecture.ppt+Collaborative+commerce+is+one+of+the+types+of+B2B&hl=en&pid=bl&srcid=ADGEESie4PPRWKbuCfiBoTBiLYh6XS3dpmW3XZGC1A6V88AV5eWu75cNvtKuY7W52VHV05cEDmIVRmuPzAAAY3n7pk42dSUTgIjU4ZqavIFnPS7m6K9c6_KFikOnYLGHGGuu7oLov2Dx&sig=AHIEtbSrTtYErTl_SknzDbyuvZ39xgSg2A&pli=1)

[Sg2A&pli=1](http://docs.google.com/viewer?a=v&q=cache:FztO3BtYiZkJ:files.ecomclass.webnode.com/200000027-e2075e3018/Week%25205%2520%2520Lecture.ppt+Collaborative+commerce+is+one+of+the+types+of+B2B&hl=en&pid=bl&srcid=ADGEESie4PPRWKbuCfiBoTBiLYh6XS3dpmW3XZGC1A6V88AV5eWu75cNvtKuY7W52VHV05cEDmIVRmuPzAAAY3n7pk42dSUTgIjU4ZqavIFnPS7m6K9c6_KFikOnYLGHGGuu7oLov2Dx&sig=AHIEtbSrTtYErTl_SknzDbyuvZ39xgSg2A&pli=1)

**Question No: 29 ( Marks: 1 ) - Please choose one**

ERP Systems control all major business processes with a single software architecture in real time.

**True**

**False**

**Question No: 30 ( Marks: 1 ) - Please choose one**

Temporal CSFs in an organization, results from \_\_\_\_\_

Economic changes

Technological changes

## Internal needs and changes

Environmental changes

• Temporal CSFs resulting from internal organizational needs and changes. (Page No.135)



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## Paper 13

FINAL TERM EXAMINATION

Fall 2008

CS507- Information Systems (Session - 3)

Question No: 1 ( Marks: 1 ) - Please choose one

A newspaper article is a primary source if it reports events, but a secondary source if it analyses and comments on those events.

**True**

False

Question No: 2 ( Marks: 1 ) - Please choose one

Factors of which of the following are basic elements of reducing manufacturing cost?

Cost

**Production**

Quality

Brand

**Explanation: Factors of production are basic elements of reducing manufacturing cost. Cheap and skilled labour, Availability of raw material, infrastructure.**

Question No: 3 ( Marks: 1 ) - Please choose one

Past court decisions have stated that privacy must be balanced against the needs of society.

True

**False**

Question No: 4 ( Marks: 1 ) - Please choose one

ERP's major objective is to tightly integrate the functional areas of the organization and to enable seamless information flows across the functional areas.

**True**

False

**Reference**

Question No: 5 ( Marks: 1 ) - Please choose one

The bullwhip effect refers to erratic shifts in orders up and down the supply chain because of poor demand forecasting, price fluctuation, order batching, and rationing within the chain.



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**True**

False

Question No: 6 ( Marks: 1 ) - Please choose one

Business-to-business EC (B2B) is one of the types of ECommerce.

**True**

False

**Explanation: Business to Business (B2B) is a model to e-commerce where businesses conduct commerce amongst themselves over the Internet/Intranet.**

Question No: 7 ( Marks: 1 ) - Please choose one

Which of the following is not considered Risk Management?

On a daily basis, a manager analyses a situation and decides what actions should be taken, if any, given the uncertainties being faced.

Risk Management addresses actions to resolve a program's problems.

**A systematic approach to setting the best course of action by identifying and acting on risk issues**

An RBM tool that helps to address potential problems that could interfere with the achievement of results.

Question No: 8 ( Marks: 1 ) - Please choose one

Which of the following is a weakness that can be accidentally triggered or intentionally exploited? **Vulnerability**

Threat Identification

Audit Trial

Likelihood Identification

Question No: 9 ( Marks: 1 ) - Please choose one

Which of the following is a logical record of computer activities, usage, processing pertaining to an operating or application system or user activities?

**Audit trail**

Control Log

Control trial

Question No: 10 ( Marks: 1 ) - Please choose one

Which of the following may include program code of application softwares, technical manuals, user manuals etc? **Documentation**

Audit Trial

Control Trial

None of these





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Ref:Pg#159

**Documentation may include program code of application softwares, technical manuals, user manuals and any other system-related documentation**

Question No: 11 ( Marks: 1 ) - Please choose one

Documentation may include program code of application softwares, technical manuals, user manuals etc.

**True**

False

Question No: 12 ( Marks: 1 ) - Please choose one

Accounts should have a control over various recording points in the entire process from procurement to finished good store room.

False

**True**

**Accounts should have a control over various recording points in the entire process from procurement to finished good store room.**

Question No: 13 ( Marks: 1 ) - Please choose one

Active Monitor software serves the concurrent monitoring as the system is being used. **True**

False

**Active monitors**

**This software serves the concurrent monitoring as the system is being used.**

Question No: 14 ( Marks: 1 ) - Please choose one

Which of the following is some action or event that can lead to a loss?

**Threat**

Damage

Accident

None of above

**"A threat is some action or event that can lead to a loss."**

Question No: 15 ( Marks: 1 ) - Please choose one

Which of the following is the characteristic of being able to assign a different meaning or usage to something in different contexts - specifically?

OOP

**Polymorphism**

Encapsulation

Inheritance

Question No: 16 ( Marks: 1 ) - Please choose one

The purpose of data flow diagrams is to provide a ----- between users and systems developers.



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## Linking bridge

Empty Space

Data Flows

Options a and b

Question No: 17 ( Marks: 1 ) - Please choose one

If a flow chart become complex it is better to use connector symbols to reduce to number of flow lines.

**True**

False

**If the flowchart becomes complex, it s better to use connector symbols to reduce the number of flow lines.**

Question No: 18 ( Marks: 1 ) - Please choose one

Information products made more valuable by their attributes, characteristics, or qualities

**TRUE** FALSE

<http://www2.cs.uh.edu/~jlin6/isam3033-02/Chap009-Print.pdf>

Question No: 19 ( Marks: 1 ) - Please choose one

Commentaries are the example of \_\_\_\_\_ sources.

Primary

Tertiary

## Secondary

Question No: 20 ( Marks: 1 ) - Please choose one

Feed back is the integral part of the \_\_\_\_\_

Open system

Close System

**Closed Loop System**

**Feedback is an integral part of the closed loop system.**

Question No: 21 ( Marks: 1 ) - Please choose one

The Iterative model emphasizes the need to go back and reiterate earlier steps a number of times as the project progresses.

True

**False**

**The spiral model emphasizes the need to go back and reiterate earlier steps a number of times as the project progresses.**

Question No: 22 ( Marks: 1 ) - Please choose one

Arrow is also called \_\_\_\_\_

Dotted line





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Process

**Flow line**

**These arrow lines are called flow lines**

**<http://www.businessanalystfaq.com/whatisflowchartand-uses.htm>**

Question No: 23 ( Marks: 1 ) - Please choose one

Rectangle shape in the flow charts represents \_\_\_\_\_

Decision

## Process

Terminator

Question No: 24 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ is a person who attempts to invade the privacy of the system.

Hacktivsts

## Hackers

Crackers

**Ref:Pg#154**

**A hacker is a person who attempts to invade the privacy of the system.**

Question No: 25 ( Marks: 1 ) - Please choose one

\_\_\_\_\_ usually identified by the phrase "is a kind of."

## Inheritance

Class

Object

**Inheritance is usually identified by the phrase "is a kind of."**

Question No: 26 ( Marks: 1 ) - Please choose one

Which of the following is a logical record of computer activities, usage, processing pertaining to an operating or application system or user activities?

Control Log

Control trial

## Audit trail

Question No: 27 ( Marks: 1 ) - Please choose one

An event-oriented log usually contain records describing system events, application events, or user events.



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## True

False

An event-oriented log ---- this usually contain records describing system events, application events, or user events

Question No: 28 ( Marks: 1 ) - Please choose one

Threat source motivation is an output for Likelihood determination

True

False

The input to this phase is

- Threat source motivation
- Threat capacity
- Nature of vulnerability
- Current Controls

Question No: 29 ( Marks: 1 ) - Please choose one

BPR's major objective is to tightly integrate the functional areas of the organization and to enable seamless information flows across the functional areas. True

False

**Explanation: ERP's major objective is to integrate all departments and functions across a company onto a single computer system that can serve all of the enterprise's needs.**

Question No: 30 ( Marks: 1 ) - Please choose one

Organizational Development is one of the types of Change.

## True

False

Page 190

**Types of Change**

• **Organizational Development:**

This is the more gradual and evolutionary approach to change. It bases on the assumption that it is possible to align



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corporate objectives with the individual employees' objectives. In practice, however, this will rarely be possible.

•

#### **Reengineering:**

This is known as corporate transformation or business transformation. It is the more radical form of change management, since it challenges all elements of processes or structures that have evolved over time.

## **Paper 14**

### **FINAL TERM EXAMINATION**

**Fall 2008 CS507- Information Systems (Session - 1) Question No: 1 ( Marks: 1 ) -**

#### **Please choose one**

Medium Sized organizations are normally a family ownership run by

- ▶ Father & Sons
- ▶ Brothers

▶ **Father, Sons and Brothers**

- ▶ None of the given

#### **Question No: 2 ( Marks: 1 ) - Please choose one**

The organization refers to a organizational structure with few or no levels of intervening management between staff and managers is called

- ▶ Hierarchical organization



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### ► Flat Organization

- Pyramid Organization

**Question No: 3 ( Marks: 1 ) - Please choose one**

ERP's major objective is to tightly integrate the functional areas of the organization and to enable seamless information flows across the functional areas. ► **True**

- False

**Question No: 4 ( Marks: 1 ) - Please choose one**

Which of the following integrate the planning, management and use of all resources of the organization?

### ► ERP

- CRM
- ESS
- OIS

**Question No: 5 ( Marks: 1 ) - Please choose one**

**What are the steps and their order in EC order fulfillment**

- Ensuring payment, checking availability, arranging shipment, insurance, production, purchasing & warehousing, contacts with customers and returns ► Ensuring payment, checking availability, arranging shipment, insurance, production, purchasing & warehousing, and contacts with customers ► Ensuring payment, checking availability, arranging shipment, insurance, production, plant services, purchasing & warehousing, and contacts with custom ► **Ensuring payment, checking availability, arranging shipment, insurance, production, plant services, purchasing & warehousing, contacts with customers and returns**

**Question No: 6 ( Marks: 1 ) - Please choose one**

Data warehouses are generally batch updated at the end of the day, week or some period. ► False

### ► True

**Question No: 7 ( Marks: 1 ) - Please choose one**

The Internet Protocol is designed solely for the addressing and routing of data packets across a network

- **True** ► False

**Question No: 8 ( Marks: 1 ) - Please choose one**

Which one of the following are partially configured, usually with network connections and selected peripheral equipment, such as disk drives, tape drives and controllers, but without the main computer.

- Cold Site

### ► Warm Site

- Hot Site
- Third Party Arrangements

### Warm sites

They are partially configured, usually with network connections and selected peripheral equipment, such as disk drives, tape drives and controllers, but without the main computer.

**Question No: 9 ( Marks: 1 ) - Please choose one**



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Risk Management determines that a potential vulnerability could be exercised by a given threat-source.

▶ **True** ▶ False

**Question No: 10 ( Marks: 1 ) - Please choose one**

Threat capacity is an input source for Likelihood determination

▶ False

▶ **True**

**Ref:Pg#166**

**Likelihood Determination inputs are**

- **Threat-source motivation**
- **Threat capacity**
- **Nature of vulnerability**
- **Current control**

**Question No: 11 ( Marks: 1 ) - Please choose one**

Which of the following is the primary method for keeping a computer secure from intruders? ▶ Anti virus

▶ Scanners

▶ **Firewall**

▶ Password

**Question No: 12 ( Marks: 1 ) - Please choose one**

Decisions in which the decision maker must provide judgment, evaluation, and insights into the problem definition would be characterized as:

▶ Structured

▶ Semi Structured

▶ **Unstructured**

**Question No: 13 ( Marks: 1 ) - Please choose one** Wireless computing devices are not subject to viruses.

▶ **False**

▶ True

**Question No: 14 ( Marks: 1 ) - Please choose one**

Which of the following is a private enterprise owned communication network that uses internet protocols, network connectivity, and public telecommunication system to share organization's information or operations with its employees, and to enable the employees to communicate with each other?

▶ Internet

▶ **Intranet**

▶ Wireless communication

▶ None of above

**Question No: 15 ( Marks: 1 ) - Please choose one**

Availability of which of the following to various users also depends on how the information is processed?



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► **Information**

- Data
- Log file
- None of above

**Question No: 16 ( Marks: 1 ) - Please choose one**

Which of the following helps an organization in gaining competitive advantage in the use of processes; effectiveness and efficiency should also be kept in mind?

► **BPR**

- CSF
- SPR

**Question No: 17 ( Marks: 1 ) - Please choose one**

CRM software requires highly integrated environment for high Productivity, which is rarely available.

► **True**

- False

CRM software requires highly integrated environment for high productivity, which is rarely available.

**Question No: 18 ( Marks: 1 ) - Please choose one**

Existence of functional departments in each organization may vary with the nature of industry and the nature of products/services being offered.

► **True** ► False

**Question No: 19 ( Marks: 1 ) - Please choose one**

Public companies are example of

- Small Organization
- **Large Organization**
- Medium organization

**Question No: 20 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_serves the concurrent monitoring as the system is being used.

- Scanners
- **Active monitors**
- Behavior blockers

**Active monitors**

This software serves the concurrent monitoring as the system is being used

**Question No: 21 ( Marks: 1 ) - Please choose one**

While developing software object oriented analysis focuses on

► **Modular approach**

- Incremental approach
- Traditional approach
- Derived approach **Ref:**





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**object-oriented programming, a modular approach to computer program (software) design. Each module, or object, combines data and procedures (sequences of instructions) that act on the data; in traditional, or procedural, programming the data are separated from the instructions**

**Question No: 22 ( Marks: 1 ) - Please choose one**

Testing is easy for the software that is developed using OOAD due to use of

► **Modular approach**

- Real time modeling
- Usability feature

**Question No: 23 ( Marks: 1 ) - Please choose one**

Providing access to the data and behavior is through an object's interface is called

- Message passing
- Polymorphism

► **Encapsulation**

**Question No: 24 ( Marks: 1 ) - Please choose one** There are typically two kinds of audit records.

► **True**

► False

**There are typically two kinds of audit records:**

**(1) An event-oriented log**

**(2) A record of every keystroke**

**Question No: 25 ( Marks: 1 ) - Please choose one** In assessing risks for an IT system, is the first step.

► **To define the scope of the effort.**

- Vulnerability Assessment
- threat identification

**Question No: 27 ( Marks: 1 ) - Please choose one**

The two major criteria that are used to analyze risks are Operational Effects and Situational Impacts

► **True**

► False

**Question No: 28 ( Marks: 1 ) - Please choose one**

The Internet Protocol is designed solely for the connecting and routing of data packets across a internet.

► True

► **False**

**Question No: 29 ( Marks: 1 ) - Please choose one**

An IDS with the neural network feature traffic on the network and creates a database ► **True** ►  
False



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Neural networks: An IDS with this feature monitors the general patterns of activity and traffic on the network and creates a database

**Question No: 30 ( Marks: 1 ) - Please choose one**

BPR's major objective is to tightly integrate the fun and to enable seamless information flows across the function

► True

► **False**