

THE SOCIETY OF ACCOUNTING EDUCATION

CERTIFIED FINANCIAL & MANAGEMENT ACCOUNTANT MEMBERSHIP PROGRAM

Model Paper for Course: Information System and Internal Controls

Course Code: ML-05

Level: Managerial Level

1. Medium Sized organizations are normally a family ownership run by
 - a) Father & Sons
 - b) Brothers
 - c) **Father-Son and Brothers**
 - d) None of the given
2. Which of the following functions provide such data as sales prospect and contact information, product information, product configurations and sales quotes?
 - a) **Sales force automation (SFA)**
 - b) CRM
 - c) ERP
 - d) MIS
3. 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?
 - a) Encryption
 - b) **Intrusion Detection Systems**
 - c) Firewall
 - d) All of above
4. 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?
 - a) **Control Analysis**
 - b) Vulnerability Assessment
 - c) Risk Management
 - d) All of above
5. In drawing a proper flowchart, all necessary steps that are a part of process should be listed out in ----- order.
 - a) **Logical**
 - b) Physical
 - c) Random
 - d) Top to Bottom
6. _____ is related to defining the information needs and how these will be obtained.
 - a) Infrastructure
 - b) **Architecture**
 - c) System
7. Rectangle shape in the flow charts represents _____

- a) Decision
 - b) Process**
 - c) Terminator
8. _____ is an object that exists and is distinguishable from other objects.
- a) Value Sets
 - b) Entity**
 - c) Relationships
9. Object oriented analysis generates _____
- a) Implementation constraints
 - b) System Interfaces
 - c) Conceptual model of Information**
10. Which of the following is not considered during OO Design?
- a) Concurrency factor
 - b) Usability factor**
 - c) Distribution factor
11. Which of the following is the characteristic of being able to assign a different meaning or usage to something in different contexts - specifically?
- a) OOP
 - b) Polymorphism**
 - c) Encapsulation
 - d) Inheritance
12. Which of the following is some action or event that can lead to a loss?
- a) Threat**
 - b) Damage
 - c) Accident
 - d) None of the above
13. Distributing common information to every one may result ----- and -----.
- a) Waste of time, confusion**
 - b) Increase productivity, awareness
 - c) Cut time, cost
 - d) None of them
14. _____ is an association among entities. There has to be a relationship between two entities
- a) Value Sets
 - b) Cardinality
 - c) Relationships**
15. 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?
- a) Encryption
 - b) Intrusion Detection System**
 - c) Firewall
 - d) All of above
16. 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?

- a) Audit Logs
 - b) Disaster Plan
 - c) Audit Trials
 - d) **Business continuity Plan**
17. Which of the following is a data model or diagram for high-level descriptions of conceptual data model?
- a) **ERD**
 - b) Flow Chart
 - c) Algorithm
 - d) DFD
18. Which of the following is a project management technique that divides complex projects into smaller, more easily managed segments or phases?
- a) **SDLC**
 - b) System Design
 - c) System Analysis
 - d) Audit Trials
19. Which of the following has collection of predefined procedures related to each other?
- a) Organization
 - b) **System**
 - c) Firm
20. Which of the following increment in incremental model is usually the core product which addresses the basic requirements of the system?
- a) **First**
 - b) Second
 - c) Third
21. _____ overwrites every program/software/file it infects with itself. Hence the infected file no longer functions.
- a) Dropper
 - b) **Overwriting Viruses**
 - c) Boot sector Virus
22. _____ is a person who attempts to invade the privacy of the system.
- a) Hacktivist
 - b) **Hackers**
 - c) Crackers
23. 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 _____
- a) **Hacktivist**
 - b) Crackers
 - c) Hackers
24. Both software objects and real time objects have _____
- a) Identity and behavior
 - b) Identity and state
 - c) **State and behavior**
25. Characteristics of object are called _____
- a) Methods
 - b) **Attributes**

- c) Status
26. Which of the following carry characteristics of specialization?
- Sub classes**
 - Sub Interfaces
 - Sub objects
27. Buying and selling of products, services and information via computer networks, primarily through Internet is :
- E-Commerce**
 - E-Business
 - Web Surfing
 - BPR
28. 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
29. _____ is an association among entities. There has to be a relationship between two entities
- Value Sets
 - Cardinality
 - Relationships**
30. Object oriented analysis focuses on _____
- Modular approach**
 - Incremental approach
 - Traditional approach
 - Derived approach
31. Medium Sized organizations are normally a family ownership run by
- Father & Sons
 - Brothers
 - Father, Sons and Brothers**
 - None of the given
32. 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
33. 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**
34. Which of the following select chief executive?
- Employees

- b) Customers
 - c) **Board of Directors**
35. A schematic representation of a sequence of operations as in a manufacturing process or computer program is called _____
- a) Algorithm
 - b) Entity Relationship Diagram
 - c) **Flowchart**
36. Rounded shaped symbol in the flow chart is called _____
- a) **Connector**
 - b) Arrow
 - c) Process
37. _____ Focus on detecting potentially abnormal behavior in function of operating system or request made by application software
- a) **Behavior blockers**
 - b) Active monitors
 - c) Scanners
38. Testing is easy for the software that is developed using OOAD due to use of _____
- a) **Modular approach**
 - b) Real time modeling
 - c) Usability feature
39. The purpose of data flow diagrams is to provide a ----- between users and systems developers
- a) **Linking bridge**
 - b) Empty space
 - c) Data Flows
 - d) Options a and b
40. Availability of which of the following to various users also depends on how the information is processed?
- a) **Information**
 - b) Data
 - c) Log File
 - d) None of the above
41. Which of the following is the characteristic of being able to assign a different meaning or usage to something in different contexts - specifically?
- a) OOP
 - b) **Polymorphism**
 - c) Encapsulation
 - d) Inheritance
42. _____ is the science of coded writing.
- a) Decryption
 - b) **Cryptography**
 - c) Encryption
43. Which of the following Customer Relationship Management (CRM) is an enterprise wide effort to acquire and retain customers?
- a) ERP
 - b) **CRM**

- c) MIS
 - d) ESS
44. In which of the following there is a direct interaction facilitated by auctions, classifieds, and bartering?
- a) E-Government
 - b) M-Commerce
 - c) **Consumer-to-consumer EC**
 - d) Intra-business EC
45. Which of the following refers to the process of identifying attempts to penetrate a system and gain unauthorized access?
- a) Threat Identification
 - b) **Intrusion detection**
 - c) Access Control
 - d) All of above
46. Which of the following is a weakness that can be accidentally triggered or intentionally exploited?
- a) Audit Trial
 - b) Likelihood Identification
 - c) Threat Identification
 - d) **Vulnerability**
47. There are typically _____ kinds of audit records
- a) One
 - b) **Two**
 - c) Three
 - d) Four
48. According to “Booch”, object has following three components
- a) **State, Behavior, Identity**
 - b) State, Behavior, Interface
 - c) State, Interface, methods
 - d) State, Variables, Methods
49. Organizations are distinguished on the basis of _____
- a) Attributes
 - b) Policy
 - c) **Management**
50. _____ is known as father of warehouse.
- a) Stephen Hawking
 - b) Bill Gates
 - c) **Bill Inmon**
51. Rounded shaped symbol in the flow chart is called _____
- a) **Connector**
 - b) Arrow
 - c) Process
52. Object oriented analysis focuses on the _____
- a) States of objects
 - b) **Collaboration of objects**
 - c) Implementation of objects

53. Which of the following is not the type of CSF?
- Industry CSFs
 - Environmental CSFs
 - Technical CSFs**
 - Temporal CSFs
54. 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
55. 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**
56. Buying and selling of products, services and information via computer networks, primarily through Internet is :
- E-Commerce**
 - E-Business
 - Web Surfing
 - BPR
57. _____ is one of the component of Intrusion Detection System (IDS).
- Log File
 - Host
 - Administrative Console**
 - None of above
58. The flow of information in organization can be _____ ways.
- 1
 - 2**
 - 3
 - 4
59. 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
60. Which of the following Customer Relationship Management (CRM) is an enterprise wide effort to acquire and retain customers?
- ERP
 - CRM**
 - MIS
 - ESS

61. In which of the following there is a direct interaction facilitated by auctions, classifieds, and bartering?
- E-Government
 - M-Commerce
 - Consumer-to-consumer EC**
 - Intra-business EC
62. 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
63. 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
64. ----- Phase is required to establish the scope of the plan and the methodology and techniques to be applied.
- Assessment
 - Strategic
 - Orientation**
65. _____ overwrites every program/software/file it infects with itself. Hence the infected file no longer functions.
- Dropper
 - Overwriting Viruses**
 - Boot sector Virus
66. _____ is a malicious program that is disguised as or embedded within legitimate software.
- Trojan horse**
 - Dropper
 - Overwriting Viruses
67. _____ is an object that exists and is distinguishable from other objects.
- Value Sets
 - Entity**
 - Relationships
68. Object oriented design elaborates the hardware and software architecture to produce _____
- Implementation specifications**
 - Testing specifications
 - Functional specifications
69. The purpose of data flow diagrams is to provide a ----- between users and systems developers
- Linking bridge**

- b) Empty space
 - c) Data Flows
 - d) Options a and b
70. ----- combines many human resource functions like benefits administration, payroll, recruiting and training etc.
- a) **Human Resource Information Systems**
 - b) Account Information System
 - c) Financial Information System
71. Which of the following model is a series of short waterfall cycles, each producing an early prototype representing a part of the entire project?
- a) **Spiral**
 - b) Iterative
 - c) Waterfall
 - d) Incremental
72. Which of the following need to be ranked first on the basis of their probability of occurrence?
- a) **Threat**
 - b) Damage
 - c) Accident
 - d) All of the above
73. Object oriented analysis focuses on _____
- a) **Modular approach**
 - b) Incremental approach
 - c) Traditional approach
 - d) Derived approach
74. Systems have collection of predefined -----related to each other in a sequenced logical manner in order to collectively achieve the desired results.
- a) **Procedures**
 - b) Sequences
 - c) Policies
75. 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 _____:
- a) Furniture layout
 - b) Video display terminals
 - c) **Ergonomics**
 - d) Lighting
76. Which of the following refers to the process of identifying attempts to penetrate a system and gain unauthorized access?
- a) Threat Identification
 - b) **Intrusion detection**
 - c) Access Control
 - d) All of above
77. They represent Equations / Formulae representing relationship between two or more factors related to each other in a defined manner is called-----
- a) Graphical Model

- b) **Mathematical Model**
 - c) Algebra Model
- 78. 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?
 - a) **Control Analysis**
 - b) Vulnerability Assessment
 - c) Risk Management
 - d) All of above
- 79. 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."
 - a) High
 - b) **Low**
 - c) Medium
 - d) None of these
- 80. Production subsystem needs to be linked with the marketing system to -----right amount of product.
 - a) **Produce**
 - b) Sale
 - c) Purchase
- 81. Which of the following focus on detecting potentially abnormal behavior in function of operating system or request made by application software?
 - a) Active Monitors
 - b) Scanners
 - c) Anti virus
 - d) **Behavior blockers**
- 82. The purpose of data flow diagrams is to provide a ----- between users and systems developers
 - a) **Linking bridge**
 - b) Empty Space
 - c) Data Flows
 - d) Options a and b
- 83. Which of the following level is formulation of new sales products, and identifying new sales opportunities?
 - a) Operational
 - b) Managerial
 - c) **Strategic**
- 84. Providing access to the data and behavior is through an objects interface is called_____
 - a) Polymorphism
 - b) **Encapsulation**
 - c) Message passing
- 85. Which of the following is a logical record of computer activities, usage, processing pertaining to an operating or application system or user activities?
 - a) Control Log
 - b) Control trial

- c) **Audit trail**
86. In assessing risks for an IT system, _____ is the first step.
- To define the scope of the effort.**
 - Vulnerability Assessment
 - Threat identification
87. Temporal CSFs in an organization, results from _____
- Economic changes
 - Technological changes
 - Internal needs and changes**
 - Environmental changes
88. Which of the following functions provide such data as sales prospectand contact information, product information, productconfigurations and sales quotes?
- Sales force automation (SFA)**
 - CRM
 - ERP
 - MIS
89. A _____ is an agreed-upon set of conventions that defines therules of communication.
- Protocol**
 - Interconnection Medium
 - Data Packet
 - Message
90. The identification of risks should start with:
- Description of the internal and external risks**
 - A brainstorming session with risk management experts and a programprofile
 - A good understanding of the program and a brainstorming session withkey stakeholders
 - Definitions of likelihood and impact
91. _____ means information hiding.
- Inheritance
 - Encapsulation**
 - Class
92. Testing is easy for the software that is developed using OOAD due to use of _____
- Modular approach**
 - Real time modeling
 - Usability feature
93. Characteristics of object are called _____
- Methods
 - Attributes**
 - Status
94. In assessing risks for an IT system, _____ is the first step.
- To define the scope of the effort.**
 - Vulnerability Assessment
 - Threat identification
95. Which of the following is the primary method for keeping a computersecure from intruders?
- Password

- b) Antivirus
 - c) Scanners
 - d) **Firewall**
96. _____ is an association among entities. There has to be a relationship between two entities
- a) Value Sets
 - b) Cardinality
 - c) **Relationships**
97. _____ are the symbol indicates the flow of the procedure being explained.
- a) Entity Relationship Diagram
 - b) DFD
 - c) **Flowchart**
98. 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 -----
- a) Risk Planning
 - b) **Risk Assumption**
 - c) Risk Limitation
 - d) None of the above
99. Which one of the following computer systems uses duplication of components and data to cope with systems failures?
- a) **Fault-tolerant systems**
 - b) Expert System
 - c) MIS
 - d) OIS
100. What-if analysis technique is used by _____
- a) **Model Driven DSS**
 - b) Data Driven DSS
 - c) Data Mining
101. _____ installs a virus on the PC while performing another function.
- a) Overwriting Viruses
 - b) Boot sector Virus
 - c) **Dropper**
102. The interface is implemented by _____
- a) Methods
 - b) Signatures
 - c) **Classes**
 - d) Objects
103. Which of the following refers to the requirement that information should be protected from improper modification?
- a) **Data Integrity**
 - b) Validity
 - c) Authenticity
 - d) None of All
104. 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?
- a) BRP

- b) **MRP**
 c) CRP
105. Which of the following model is a series of short waterfall cycles, each producing an early prototype representing a part of the entire project?
 a) **Spiral**
 b) Iterative
 c) WaterFall
 d) Incremental
106. Which of the following carries connotations of the class to which the object belonged?
 a) Class
 b) **Instance**
 c) Structure
 d) None of the above
107. Which of the following refers to the process of identifying attempts to penetrate a system and gain unauthorized access?
 a) **Intrusion detection**
 b) Audit Trial
 c) Control Trial
 d) Documentation
108. The departmental structures are ----- in banking and financial sector.
 a) **Different**
 b) Same
 c) Mixed
109. Which of the following are knowledge workers who facilitate the development of information systems and computer applications by bridging the communication gap that exists between non-technical system users, and System designers and developers?
 a) **System Analysts**
 b) Software Engineers
 c) System Designers
 d) Chief Executives
110. _____ is defined as “all elements that exist outside the boundary of the organization.”
 a) Size
 b) **Business Environment**
 c) Business Structure
111. _____ is the set of interconnected structural elements that provide the framework.
 a) **Infrastructure**
 b) System
 c) Organization
112. Rounded shaped symbol in the flow chart is called _____
 a) **Connector**
 b) Arrow
 c) Process
113. _____ overwrites every program/software/file it infects with itself. Hence the infected file no longer functions.

- a) Dropper
 - b) Overwriting Viruses**
 - c) Boot sector Virus
114. Object oriented analysis focuses on the _____
- a) States of objects
 - b) Collaboration of objects**
 - c) Implementation of objects
115. A _____ is the possibility of a problem, whereas a problem is a risk that has already occurred.
- a) Risk**
 - b) Threat
 - c) Intrusion
116. Which of the following activity consists of the discovery, modeling, specification and evaluation of requirements?
- a) Development**
 - b) Design
 - c) Requirement
 - d) Implementation
117. Which of the following scans the operating system and application software for any virus based on the viruses they contain.
- a) Antivirus
 - b) Scanners**
 - c) Active Monitors
 - d) Firewall
118. _____ is an association among entities. There has to be a relationship between two entities
- a) Value Sets
 - b) Cardinality
 - c) Relationships**
119. _____ helps organization in gaining competitive advantage in the use of processes, effectiveness and efficiency.
- a) BPR**
 - b) CSF
 - c) SPR
 - d) MIS
120. Which of the following integrate the planning, management and use of all resources of the organization?
- a) ERP**
 - b) CRM
 - c) ESS
 - d) OIS
121. In assessing risks for an IT system, which of the following is the first step?
- a) To define the scope of the effort.**
 - b) Threat identification
 - c) Vulnerability Assessment
 - d) None of these

122. Which of the following is the process of converting data into codes?
- a) Cryptography
 - b) Encryption**
 - c) Decryption
 - d) None of these
123. 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?
- a) Internet
 - b) Intranet**
 - c) Wireless communication
 - d) None of above
124. Which of the following is **not** considered Risk Management?
- a) An RBM tool that helps to address potential problems that could interfere with the achievement of results.
 - b) On a daily basis, a manager analyses a situation and decides what actions should be taken, if any, given the uncertainties being faced.
 - c) A systematic approach to setting the best course of action by identifying and acting on risk issues**
125. In which of the following category information is presented in its original form, neither interpreted nor condensed nor evaluated by other writers ?
- a) Primary Information**
 - b) Tertiary Information
 - c) Secondary Information
 - d) All of above
126. Ethical issues may be categorized into which of the following types?
- a) Privacy
 - b) Accuracy
 - c) Property
 - d) All of above**
127. 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 _____:
- a) Video display terminals
 - b) Ergonomics**
 - c) Lighting
 - d) Furniture layout
128. What are the steps and their order in EC order fulfillment?
- a) Ensuring payment, checking availability, arranging shipment, insurance, production, purchasing & warehousing, contacts with customers and returns
 - b) Ensuring payment, checking availability, arranging shipment, insurance, production, purchasing & warehousing, and contacts with customers

- c) Ensuring payment, checking availability, arranging shipment, insurance, production, plant services, purchasing & warehousing, and contacts with customers
 - d) **Ensuring payment, checking availability, arranging shipment, insurance, production, plant services, purchasing & warehousing, contacts with customers and returns**
129. With a -----decision environment, there is the possibility of having very quick and very accurate feedback on the decision process.
- a) **Closed-loop**
 - b) Open-loop
 - c) Closed System
130. Which of the following usually contain records describing system events, application events, or user events?
- a) **An event-oriented log**
 - b) A record of every keystroke
 - c) Option a and b
 - d) None of these
131. Which of the following is the science and art of transforming messages to make them secure and immune to attacks?
- a) **Cryptography**
 - b) Crypto analysis
 - c) Decryption
 - d) All of these
132. Which of the following focus on detecting potentially abnormal behavior in function of operating system or request made by application software?
- a) Scanners
 - b) Anti virus
 - c) **Behavior blockers**
 - d) Active Monitors
133. Which of the following is the primary method for keeping a computer secure from intruders?
- a) Anti virus
 - b) Scanners
 - c) **Firewall**
 - d) Password
134. Which of the following is some action or event that can lead to a loss?
- a) **Threat**
 - b) Damage
 - c) Accident
 - d) None of above
135. The damage caused by the intrusion is referred as the :
- a) Threats
 - b) Damages
 - c) **Physical Threats**
 - d) Logical Threats

136. Decision making is the cognitive process of selecting a course of action from among ----- alternatives.
- a) **Multiple**
 - b) Double
 - c) Triple
137. In _____ final product is intangible
- a) **Service sector**
 - b) Manufacturing Sector
 - c) Trading sector
138. Which of the following model combines the elements of the waterfall model with the philosophy of prototyping?
- a) Iterative
 - b) **Incremental**
 - c) Rapid
139. Operations are usually called via _____
- a) Functions
 - b) **Signatures**
 - c) Methods
140. Factors of which of the following are basic elements of reducing manufacturing cost?
- a) Cost
 - b) **Production**
 - c) Quality
 - d) Brand
141. Which of the following is not considered Risk Management?
- a) On a daily basis, a manager analyses a situation and decides what actions should be taken, if any, given the uncertainties being faced.
 - b) Risk Management addresses actions to resolve a program's problems.
 - c) **A systematic approach to setting the best course of action by identifying and acting on risk issues**
 - d) An RBM tool that helps to address potential problems that could interfere with the achievement of results.
142. Which of the following is a weakness that can be accidentally triggered or intentionally exploited?
- a) **Vulnerability**
 - b) Threat Identification
 - c) Audit Trail
 - d) Likelihood Identification
143. Which of the following is a logical record of computer activities, usage, processing pertaining to an operating or application system or user activities?
- a) **Audit trail**
 - b) Control Log
 - c) Control trial
144. Which of the following may include program code of application software, technical manuals, user manuals etc?
- a) **Documentation**

- b) Audit Trial
 - c) Control Trial
 - d) None of these
145. Which of the following is some action or event that can lead to a loss?
- a) **Threat**
 - b) Damage
 - c) Accident
 - d) None of above
146. Which of the following is the characteristic of being able to assign a different meaning or usage to something in different contexts - specifically?
- a) OOP
 - b) **Polymorphism**
 - c) Encapsulation
 - d) Inheritance
147. The purpose of data flow diagrams is to provide a ----- between users and systems developers.
- a) **Linking bridge**
 - b) Empty Space
 - c) Data Flows
 - d) Options a and b
148. Commentaries are the example of _____ sources.
- a) Primary
 - b) Tertiary
 - c) **Secondary**
149. Feed back is the integral part of the _____
- a) Open system
 - b) Close System
 - c) **Closed Loop System**
150. Arrow is also called _____
- a) Dotted line
 - b) Process
 - c) **Flow line**
151. Rectangle shape in the flow charts represents _____
- a) Decision
 - b) **Process**
 - c) Terminator
152. _____ usually identified by the phrase "is a kind of."
- a) **Inheritance**
 - b) Class
 - c) Object
153. Which of the following is a logical record of computer activities, usage, processing pertaining to an operating or application system or user activities?
- a) Control Log
 - b) Control trial
 - c) **Audit trail**

154. The organization refers to a organizational structure with few or no levels of intervening management between staff and managers is called
- a) Hierarchical organization
 - b) Flat Organization**
 - c) Pyramid Organization
155. Which of the following integrate the planning, management and use of all resources of the organization?
- a) ERP**
 - b) CRM
 - c) ESS
 - d) OIS
156. What are the steps and their order in EC order fulfillment
- a) Ensuring payment, checking availability, arranging shipment, insurance, production, purchasing & warehousing, contacts with customers and returns
 - b) Ensuring payment, checking availability, arranging shipment, insurance, production, purchasing & warehousing, and contacts with customers
 - c) Ensuring payment, checking availability, arranging shipment, insurance, production, plant services, purchasing & warehousing, and contacts with custom
 - d) Ensuring payment, checking availability, arranging shipment, insurance, production, plant services, purchasing & warehousing, contacts with customers and returns**
157. 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.
- a) Cold Site
 - b) Warm Site**
 - c) Hot Site
 - d) Third Party Arrangements
158. Which of the following is the primary method for keeping a computer secure from intruders?
- a) Anti virus
 - b) Scanners
 - c) Firewall**
 - d) Password
159. Decisions in which the decision maker must provide judgment, evaluation, and insights into the problem definition would be characterized as:
- a) Structured
 - b) Semi Structured
 - c) Unstructured**
160. Availability of which of the following to various users also depends on how the information is processed?
- a) Information**
 - b) Data
 - c) Log file

- d) None of above
161. 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?
- a) **BPR**
 - b) CSF
 - c) SPR
162. Public companies are example of
- a) Small Organization
 - b) **Large Organization**
 - c) Medium organization
163. _____ serves the concurrent monitoring as the system is being used.
- a) Scanners
 - b) **Active monitors**
 - c) Behavior blockers
164. While developing software object oriented analysis focuses on
- a) **Modular approach**
 - b) Incremental approach
 - c) Traditional approach
 - d) Derived approach
165. Testing is easy for the software that is developed using OOAD due to use of
- a) **Modular approach**
 - b) Real time modeling
 - c) Usability feature
166. Providing access to the data and behavior is through an object's interface is called
- a) Message passing
 - b) Polymorphism
 - c) **Encapsulation**
167. Management information systems (MIS)
- a) Create and share documents that support day-today office activities
 - b) Process business transactions (e.g., time cards, payments, orders, etc.)
 - c) Capture and reproduce the knowledge of an expert problem solver
 - d) **Use the transaction data to produce information needed by managers to run the business**
 - e) None of the above
168. The term used to describe those people whose jobs involve sponsoring and funding the project to develop, operate, and maintain the information system is
- a) Information worker
 - b) Internal system user
 - c) **Systems owner**
 - d) External system user
 - e) Systems builder

169. The person who ensures that systems are developed on time, within budget, and with acceptable quality is a
- a) Systems designer
 - b) **Project manager**
 - c) Systems owner
 - d) External system user
 - e) Systems builder
170. Which one of the following is not a business driver for an information system?
- a) Business process redesign
 - b) Knowledge asset management
 - c) **Proliferation of networks and the Internet**
 - d) Security and privacy
 - e) Collaboration and partnership
171. A task of developing a technical blueprint and specifications for a solution that fulfills the business requirements is undertaken in the following phase of the system development process
- a) System initiation
 - b) System implementation
 - c) System analysis
 - d) **System design**
 - e) Feasibility analysis
172. If a university sets up a web-based information system that faculty could access to record student grades and to advise students, that would be an example of a/an
- a) CRM
 - b) **Intranet**
 - c) ERP
 - d) Extranet
 - e) None of the above
173. Which of the following is not a technology driver for an information system?
- a) Enterprise applications
 - b) Object technologies
 - c) **Knowledge asset management**
 - d) Collaborative technologies
 - e) Networks and the Internet
174. Which of the following is a deliverable of the system implementation phase in a formal system development process?
- a) **Technical hardware and software solution for the business problem**
 - b) Business problem statement
 - c) Statement of the system users' business requirements

- d) Technical blueprint and specifications for a solution that fulfills the business requirements
 - e) None of the above
175. An information system that supports the planning and assessment needs of executive management is
- a) DSS
 - b) TPS
 - c) ERP
 - d) MIS
 - e) **None of the above**
176. Decision makers who are concerned with tactical (short-term) operational problems and decision making are
- a) **Middle managers**
 - b) Executive managers
 - c) Supervisors
 - d) Mobile managers
 - e) None of the above
177. The application of information to scan an organisation's environment is:
- a) External communication.
 - b) Information overload.
 - c) **Sensing**
 - d) Internal communication.
 - e) None of the above.
178. When a bank uses information to launch a personalised credit card product this:
- a) Manages risks
 - b) Creates a new opportunity.
 - c) **Adds value.**
 - d) Reduces costs.
 - e) None of the above.
179. When a bank uses business performance management software to monitor its performance in different regions this:
- a) Reduces costs.
 - b) **Manages risks.**
 - c) Adds value.
 - d) Creates a new opportunity.
 - e) None of the above.
180. When a bank offers web self-service for customers to answer their questions, the primary outcome is:
- a) Adds value.
 - b) Manages risks.

- c) **Reduces costs.**
 - d) Creates a new opportunity.
 - e) None of the above.
181. The general transformation cycle for information is:
- a) Information to data to knowledge.
 - b) Knowledge to data to information.
 - c) Data to knowledge to information.
 - d) **Data to information to knowledge.**
 - e) None of the above.
182. The most important attribute of information quality that a manager requires is:
- a) **Relevance.**
 - b) Media.
 - c) Presentation.
 - d) Timeliness.
 - e) None of the above.
183. To improve the performance of a business process, which of the following is most relevant?
- a) Input.
 - b) Processing.
 - c) **Control and feedback**
 - d) Output.
184. Monitoring the legal constraints which a company operates under requires review of:
- a) A company's customers.
 - b) A company's outputs.
 - c) **A company's macro-environment.**
 - d) A company's micro-environment.
 - e) All of the above.
185. The majority of publically available Internet information sources are:
- a) Created in XML.
 - b) Structured information.
 - c) Normal information.
 - d) **Unstructured information.**
 - e) None of the above.
186. Records management:
- a) Is a discipline limited to digitized paper documents.
 - b) Is a discipline limited to library books.
 - c) Is a discipline limited to paper documents.
 - d) Is a discipline limited to information contained in databases.
 - e) **None of the above.**

187. Which of the following should be represented on an information flow diagram?
- a) Entity
 - b) **Source**
 - c) Process
 - d) Attribute
 - e) Database
188. A web blueprint depicts:
- a) The layout of an individual web page
 - b) The layout of the home page
 - c) The layout of an index page
 - d) **The layout of a website**
 - e) The layout of a sitemap
189. UML depicts information systems as a collection of:
- a) Entities
 - b) Processes
 - c) Data
 - d) Information
 - e) **Objects**
190. Which of the following statements describes taxonomy?
- a) **A browse-able hierarchy**
 - b) A list of equivalent terms
 - c) A complex controlled vocabulary showing relationships
191. Which of the following statements about XML schemas is incorrect?
- a) Schemas can specify integer values
 - b) Schemas are defined by XSD tag
 - c) **All XML documents must have a schema**
 - d) Schemas provide data oriented data types
 - e) They offer more flexibility than DTDs
192. Which of the following relates to enterprise interoperability?
- a) DFD
 - b) Information flow diagram
 - c) **XML**
 - d) Entity relationship diagram
193. Which of the following is not a type of navigation system for a web site?
- a) National
 - b) Global
 - c) Contextual
 - d) Local
 - e) **Regional**

194. What should not be part of an acceptable use policy?
- a) Allowable use of systems
 - b) Legal obligations
 - c) **Encryption policies**
 - d) User responsibilities
 - e) Account and password responsibilities
195. Use-case analysis focuses upon:
- a) Data
 - b) Objects
 - c) Entities
 - d) **Actors**
196. Which of the following is part of a static view of information?
- a) Logical data model
 - b) Meta data
 - c) **Data flow model**
 - d) Information process model
197. Contemporary Information Systems are interfacing with customers and suppliers using :
- a) BPR
 - b) CRM
 - c) SCM
 - d) Both A and B
 - e) **Both B and C**
198. Information systems that support the business functions that reach out to suppliers are known as:
- a) **Back office information systems**
 - b) Decision support systems
 - c) Expert information systems
 - d) Front office information systems
 - e) None of the above
199. Which of the following is not a class of information system applications?
- a) **Database management system**
 - b) Decision support system
 - c) Expert system
 - d) Management informationsystem
 - e) Office automation system
200. Who are the people that actually use the system to perform or support the work to be completed?
- a) System analysts

- b) System designers
 - c) System owners
 - d) System builders
 - e) **None of the above**
201. Which is not a typical business function?
- a) Sales
 - b) Service
 - c) Manufacturing
 - d) Accounting
 - e) **Benefits and Compensation**
202. The flow of transactions through business processes to ensure appropriate checks and approvals are implemented is called:
- a) Procedures
 - b) **Work flow**
 - c) Process flow
 - d) Process requirements
203. Language-based, machine-readable representations of what a software process is supposed to do, or how a software process is supposed to accomplish its task is known as:
- a) Prototyping
 - b) Software specifications
 - c) **Application programs**
 - d) Human engineering
 - e) None of the above
204. A specification of how the user moves from window to window, interacting with the application programs to perform useful work is called:
- a) Interface specifications
 - b) Software specification
 - c) **User dialog**
 - d) Prototyping specifications
 - e) Navigation specification
205. Examples of keyless interfaces include:
- a) **Bar coding, OCR, pen, and voice recognition**
 - b) Mouse, OCR, pen, and voice recognition
 - c) Keyboard, OCR, pen, and voice recognition
 - d) All of the above
 - e) None of the above
206. Open database connectivity (ODBC) tools are an example of:
- a) Layerware
 - b) Tool kit
 - c) Interfaceware

- d) **Middleware**
 - e) None of the above
207. The first CMM level at which measurable goals for quality and productivity are established is
- a) Level 1
 - b) Level 2
 - c) Level 3
 - d) **Level 4**
 - e) Level 5
208. Project Management ensures that
- a) Project's risk is assessed
 - b) Project's feasibility is assessed
 - c) **System is developed at minimum cost**
 - d) Both A and B
 - e) None of the above
209. Small organizations usually have complex management structure.
- a) True
 - b) **False**
210. Closed system is dependent on the internal resources and data.
- a) **True**
 - b) False
211. Attack is one of the types of Web Security Threats
- a) **True**
 - b) False
212. If an organization can tolerate some downtime, cold sites backup might be appropriate.
- a) **True**
 - b) False
213. The out put of Threat Identification phase is a threat statement identifying and defining threats.
- a. **True**
 - b) ~~False.~~ **his phase is a threat statement identifying and defining threats.**
214. Audit Trials can be used together with controls trials to identify and provide information about users suspected of improper modification of data.
- a) True
 - b) **False**
215. Input controls monitor the initial handshaking procedure of the user with the operating system.
- a) True
 - b) **False**
216. Targeting advertising to customers to increase the probability, that an offer is accepted.

- a) **True**
 - b) False
217. The spiral life cycle model is a combination of the classic water fall model and aspects of risk analysis.
- a) **True**
 - b) False
218. Administrative Consol is one of the components of Intrusion Detection System (IDS).
- a) **True**
 - b) False
219. Maintaining and eventually institutionalizing the change is called Unfreezing.
- a) True
 - b) **False**
220. There are typically two kinds of audit records.
- a) **True**
 - b) False
221. In assessing risks for an IT system, is the first step.
- a) **To define the scope of the effort.**
 - b) Vulnerability Assesment
 - c) Threat identification
222. The two major criteria that are used to analyze risks are Operational Effects and Situational Impacts
- a) **True**
 - b) False
223. The Internet Protocol is designed solely for the connecting and routing of data packets across a internet.
- a) True
 - b) **False**
224. An IDS with the neural network feature traffic on the network and creates a database
- a. **True**
 - b. False
225. BPR's major objective is to tightly integrate the fun and to enable seamless information flows across the function
- a. True
 - b. **False**
226. Past court decisions have stated that privacy must be balanced against the needs of society.
- a. True
 - b. **False**
227. ERP s major objective is to tightly integrate the functional areas of the organization and to enable seamless information flows across the functional areas.
- a. **True**
 - b. False
228. 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.
- a. **True**
 - b. False
229. EC (B2B) is one of the types of ECommerce.
- a) **True**
 - b) False
230. 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.
- a. True
 - b. **False**
231. Likelihood Determination phase sometimes determines that a potential vulnerability could not be exercised by a given threat-source.
- a. True
 - b. **False**
232. Active Attack is one of the types of Web Security information systems.
- a. True
 - b. **False**
233. (B2B) is one of the types of E-Commerce.
- a. **True**
 - b. False
234. Collaborative commerce is one of the types of B2B.
- a. **True**
 - b. False
235. ERP Systems control all major business processes with a single software architecture in real time.
- a. **True**
 - b. False
236. Temporal CSFs in an organization, results from _____
- a) Economic changes Technological
 - b) Changes Internal needs and changes**
 - c) Environmental changes
237. Systems analysts work as a link between Business people, &Computer Programmers.
- a. **True**
 - b. False
238. The First increment in incremental model is usually the core product which addresses the basic requirements of the system.
- a. **True**
 - b. False
239. Which of the following is a form of automation where computers communicate work instructions directly to the manufacturing machinery?
- a) CAD
 - b) **CAM**
 - c) CIM