CS507-Information System

(Solved MCQ's)

LECTURE FROM (23 to 45)

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

- **Business continuity Plan PG # 169**
- Audit Logs
- Disaster Plan
- Audit Trials

2. If a flow chart becomes complex, it is better to use_____symbol to reduce to number of flow lines.
   - Start
   - **Connector PG # 108**
   - End
   - Process

3. The flowchart helps in locating and correcting errors which is also known as programming

- **o debugging PG # 115**
  - designing
  - processing

4. Which of the following is not used for biometric attendance?

- Finger Print
- Hand Print
- Voice Print
- **Personal Pen PG # 157**

5. Who is responsible for providing independent assurance to management on the appropriateness of the securityobjectives?

- **Information System Auditor PG # 147**
- Process Owners
- Account Officer
- Management Trainee

6. Which of the following organizational structures contains less number of management levels?

- **Flat Structure PG # 21**
- Tall Structure
- Classical Structure
- Very Tall Structure

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7. Information is the processed form of_____being verified and substantiated from various sources.
   - ❖ Business
   - ❖ **Data PG # 28**
   - ❖ Transaction
   - ❖ Sequence
8. _____is the process of assuring that the specific tasks are being carried out efficiently and effectively.
   - ❖ Cracking
   - ❖ Hacking
   - ❖ **Operational Planning PG # 32**
   - ❖ Information leakage
9. In risk management process for an IT system, which of the following is the first step?
   - ❖ **System Characterization PG # 162**
   - ❖ Threat identification
   - ❖ Control Analysis
   - ❖ Impact Analysis
10. In which phase of risk management process, project manager will assess the level of risk to the IT system?
    - ❖ **Risk Determination PG # 167**
    - ❖ Impact Analysis
    - ❖ Broad Determination
    - ❖ Likelihood Analysis
11. In Object oriented programming, Polymorphism means_____.
    - ❖ information hiding
    - ❖ having single shape
    - ❖ **having multiple shapes PG # 133**
    - ❖ message-passing
12. Identify the type of active attacks from the following, which allow user to employ the facilities of the operatingsystem without being subject to the normal controls.
    - ❖ Masquerading
    - ❖ **Backdoors/trapdoors PG # 175**
    - ❖ Spoofing
    - ❖ Trojan horse
13. _____is the process of quickly putting together a working model in order to test various aspects of thedesign to gather early user feedback.

- Testing
- **Prototyping PG # 99**
- Programming
- Debugging

14. Which aspect of web trust principle maintains effective controls and practices to ensure that private customerinformation is protected from uses not related to entity business?
    - **Information protection PG # 180**
    - Transaction integrity
    - Information overload
    - Firewall disclosures
15. A_____measures the results of_____.
    - **Key Performance Indicator (KPI), Critical Success Factor (CSF) PG # 135**
    - Critical Success Factor (CSF), Key Performance Indicator (KPI)
    - Critical Success Factor (CSF), organization's internal strength only
    - Key Performance Indicator (KPI), organization's competitors only
16. Creating a map with directions from your home to the post office on Google maps is.
    - E-commerce
    - M-commerce
    - **E-business PG # 183**
    - G-commerce
17. Individuals used to sell items by advertising in the online classified section of a website. Identify the type of e-commerce model followed in this case?
    - Business to Government (B2G)
    - Business to Business (B2B)
    - Government to Business (G2B)
    - **Consumer to Consumer (C2C) PG # 185**
18. Which segment of supply chain management includes distributing, delivering to customer and finalconsumption of the product?
    - Upstream supply chain segment
    - External supply chain segment
    - **Downstream supply chain segment PG # 193**
    - Integrated supply segment
19. _____is an industry term for the broad set of activities supported by multi-module applicationsoftware that helps a manufacturer or other business to

manage the important parts of its business.

- Enterprise activity evaluation
- **Enterprise resource planning PG # 195**
- Enterprise resource allocation
- Enterprise strategy analysis

20. _____is not included in Security policy of an Information system.
    - Data security
    - Physical security
    - Business continuity planning
    - **Capital investment PG # 140**
21. Ethical issues may be categorized into which of the following type?
    - Land issues
    - **Privacy issues PG # 206**
    - Family issues
    - Job related issues
22. _____means shifting the risk by using other options to compensate loss.
    - Risk assumption
    - Risk avoidance
    - Risk limitation
    - **Risk transference PG # 145**
23. Which of the following can be used together with access controls to identify and provide information aboutusers suspected of improper modification of data?
    - Audit Control
    - **Audit Trial PG # 159**
    - Control Log
    - Control trial
24. _____is not one of the components of the supply chain.
    - Upstream supply chain
    - Downstream supply chain
    - **Controlled supply chain PG # 193**
    - Internal supply chain
25. Which of the following is a method used for integration of information systems?
    - **Use of supply chain management system PG # 195**
    - Use of transaction processing system
    - Use of integrated word processing
    - Use of linkage building system
26. In which phase of change management people express their conviction that change is

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not necessary?

- **Denial & Refusal PG # 202**
- Integration
- Unfreezing
- Lack of good information

27. _____helps in getting the right material and physical resources together at the right place and at theright time to meet the customer's requirements.
    - Transaction Processing System
    - **Materials Requirement Planning PG # 62**
    - Office Automation System
    - Flowchart
28. In Entity Relationship Diagram, an association among entities is called_____.
    - Relation
    - Cross Product
    - None of the given options
    - **Relationship PG # 124**
29. A person attaches USB to a system and installs keystroke loggers. It is the example of.
    - Logical Access
    - Political Access
    - Personal Access
    - **Physical Access PG # 149**
30. _____is a person who tries to gain unauthorized access in an organization's Computer Based InformationSystem (CBIS) and invades its privacy.
    - End User
    - System Analyst
    - Physical Intruder
    - **Logical Intruder**
31. Making an entry in the ERP (Enterprise Resource Planning) system makes every thing
    - Slow down
    - **Instantaneously updated PG # 201**
    - Duplicated
    - Halt
32. _____phase of decision making process involves implementing the selected course of action.
    - Intelligence
    - Design
    - **Implementation PG # 71**

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- Choice

33. _____phase of decision making process involves checking the consequences of the decision made afterimplementation.
    - Design
    - Choice
    - Implementation
    - **Monitoring PG # 71**
34. _____increment in Incremental model is usually the core product which addresses the basic requirementsof the system.
    - **First PG # 95**
    - Second
    - Third
    - Fourth
35. _____is a set of social conventions that facilitate in communication over networks, guidelines postingmessages on forums or on internet news groups.
    - **Netiquette PG # 205**
    - Ethics
    - Norms
    - Personal behavior
36. _____is/are not one of the major components of system design.
    - Designing inputs
    - Designing outputs
    - Designing databases
    - **Designing objectives PG # 103**
37. Data Flow Diagram is a part of_____in the procedure development of system design phase.
    - **Technical manual PG # 92**
    - User manual
    - Functional manual
    - Object manual
38. "Students should be in the university at 8:00 a.m. to ensure their attendance in the class." This statement is theexample of____situation.
    - **Structured PG # 70**
    - Unstructured
    - Semi structured
    - Dual structured
39. In_____management style, manager allows the employees to take part in

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decision-making: thereforeeverything is agreed by the majority.

- **Democratic PG # 22**
- Authoritative
- Private
- Universal

40. In Object-oriented Analysis and Design, each object has a unique_____.
    - Method
    - State
    - Behavior
    - **Identity PG # 128**
41. In drawing a proper flowchart, all necessary steps that are apart of process should be listed out in _____ order.
    - **Logical PG # 109**
    - Physical
    - Random
    - Bottom to Top
42. A_____symbol is used at the beginning and end of a flowchart.
    - Page-off
    - Circle
    - Process
    - **Terminator PG # 114**
43. The purpose of dataflow diagram is to provide_____developers.
    - **Linking bridge PG # 116**
    - Encapsulation
    - Data
    - Security
44. _____is an object that exists and is distinguishable from other objects.
    - Value Set
    - **Entity PG # 123**
    - Relationship
    - Process
45. The flowchart helps in locating and correcting errors which is also known as _.
    - Programming
    - **Debugging PG # 115**
    - Designing
    - Processing
46. _____is defined as, all elements that exist outside the boundary of the business and have the potentialto affect all or part of the organization.

- Size

- **Business Environment PG # 24**
- Business Structure
- Information System

47. _____is a malicious program that is disguised as or embedded within legitimate software.
    - **Trojan horse PG # 155**
    - Dropper
    - Overwriting Viruses
    - Duplicate Writing
48. Which of the following is an examination of the controls within an entity's information technologyinfrastructure?
    - Business operations audit
    - Risk based approach
    - **Information technology audit or Information system audit PG # 160**
    - Environment audit
49. In Object-oriented Analysis and Design,_____means information hiding.
    - Inheritance
    - **Encapsulation PG # 132**
    - Class
    - Object
50. Which information can be recorded in log file?
    i. Log in/out time
    ii. System in use
    iii. Files accessed
    iv. Transactions performed
    v. Amendments made
    - i, ii
    - ii, iii, iv
    - i, iv, v
    - **i, ii, iii, iv, v PG # 159**
51. Continuous change in work force is_____for an organization.
    - Ignore able
    - Beneficial
    - **Harmful PG # 26**
    - Necessary
52. _____is a methodology used to create a plan for how an organization will resume partiallyor completely interrupted critical functions within a predetermined time after a disaster or disruption.

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- rises avoiding planning, Crises avoiding planning
- Company disaster planning
- **Business continuity planning PG # 169**
- Business crisis planning

53. _____involves carrying out unauthorized activity by impersonating a legitimate.
    - **Masquerading PG # 174**
    - Piggybacking
    - Spoofing
    - Trojan horse
54. Critical success factor is_____for all organizations.
    - same
    - **usually different PG # 135**
    - not important
    - same as Key Performance Indicator
55. Customer feedback on any product or service is required for_____.
    - **Quality check PG # 45**
    - Corporate governance
    - Strategic relationship
    - Intellectual capital
56. Which segment of supply chain management includes all the processes to transform inputs to outputs?
    - External supply chain segment
    - **Internal supply chain segment PG # 193**
    - Downstream supply chain segment
    - Integrated supply segment
57. Which of the following system integrates all data and processes of an organization into a unified system?
    - **Enterprise Resource Planning**
    - Linker Applications
    - Exchange Resource Planning
    - Network Resource Planning
58. Identifying assets is_____the step in determining what needs to be protected.
    - **Primary PG # 141**
    - Secondary
    - Unnecessary
    - Informal
59. The definition of privileges of each person is a type of_____.
    - Privacy issue
    - **Accessibility issue PG # 207**
    - Property issue
    - Accuracy issue
60. means accepting the potential risk and continue operating the IT system.
    - **Risk assumption PG # 145**

- Risk avoidance
- Risk limitation
- Risk planning

61. Systems use closely related and logically sequenced_____to achieve the desired results.

- **Procedures PG # 28**
- Data
- Managers
- Customers

62. _____is more efficient and more suitable option for updating every change being triggered in therecord.

- Proper Manual Book Keeping
- Manual System
- Intrusion Detection System
- **Computer Based Information System PG # 36**

63. Antivirus is a computer program which detects and removes_____from computer.

- Worm
- Malware
- Dropper
- **All of the given options**

64. Which of the following is the study of automated methods for uniquely recognizing humans, based upon one ormore intrinsic physical or behavioral traits?

- **Biometrics PG # 157**
- Access Controls
- Input Controls
- Cryptography

65. A transaction in a computer system can be traced with the help of_____.

- Business Logs
- Office Trails
- **Audit Trails PG # 169**
- Business Trails

66. Planning, initiating, realizing, controlling and finally stabilizing change processes is the approach termed as ____.

- Code Management
- **Change Management PG # 201**
- Solution Management
- Enterprise Management

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67. In_____, the selected strategies are divided into a series of projects which are further scheduledfor implementation.

- **Tactical plan PG # 77**
- Assessment plan
- Orientation plan
- Strategic plan

68. In_____, the output of one phase is input of the next phase.

- **Waterfall model PG # 93**
- Iterative model
- Incremental model
- Spiral model

69. Calculations in any flow chart will be represented by_____symbol.

- Start
- Off-page connector
- Terminator
- **Process**

70. Which of the following is True about "Entity"?

- Entity cannot have attributes associated with it
- Entities cannot be mapped to tables in relational database management systems
- **Entity may be any person, place, or thing about which someone is interested to store dataPG # 123**
- Every entity must have its physical existence

71. Which of the following is the process of measuring, or assessing risk and then developing strategies to managethe risk?

- **Risk Management PG # 162**
- Executive management
- Audit Trial
- Risk Achievement

72. usually have simple management structure than medium sized organizations.

- **Small organizations PG # 17**
- Large organizations
- Extra-large organizations
- Large & Extra-large organizations

73. Which of the following is an international and multilateral organization, which was created as a result of theUruguay round of discussion in 1994 to harmonic world trade?

- SAFTA
- SAARC
- **WTO PG # 24**

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- IMF

74. Which of the following is a weakness that can be accidentally triggered or intentionally exploited?
    - Threat Identification
    - Audit Trial
    - Likelihood Identification
    - **Vulnerability PG # 164**
75. In flow chart diagram, circle represents_____.
    - Process
    - **Connector PG # 112**
    - Input
    - Output
76. A data flow diagram (DFD) is a_____representation of the flow of data.
    - mathematical
    - **graphical PG # 115**
    - physical
    - narrative
77. In flow chart, rectangle shape represents_____.
    - Decision
    - **Process PG # 114**
    - Terminator
    - Start
78. Which of the following is a high-level description of conceptual data model?
    - **Entity Relationship Diagram PG # 120**
    - Program
    - Algorithm
    - Pseudo code
79. Which of the following phase of decision making process involves implementing the selected course of action?
    - Intelligence
    - Design
    - Choice
    - **Implementation PG # 71**
80. The first phase of decision making process is_____.
    - Implementation
    - **Intelligence PG # 71**
    - Design
    - Choice
81. System development life cycle is a (an)_____technique that divides complex projects into smaller,more easily managed segments or phases.
    - Analysis
    - Design
    - Cognitive

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- **Project management PG # 78**

82. _____serve the concurrent monitoring as the system is being used.
- Scanners
- **Active monitors PG # 153**
- Behavior blockers
- Passive monitors

83. Which of the following is the science and art of transforming messages to make them secure and immune toattacks?
- All of these
- Cryptography PG # 156
- Encryption
- Decryption

84. A person attaches USB with system and installs keystroke loggers. It is
- Logical Access
- Political Access
- Personal Access
- **Physical Access PG # 149**

85. _____is a defined set of instructions aimed at describing how to proceed in achieving a pre-defined milestone/target.
- **Procedure PG # 28**
- Virus
- Threat
- Transaction

86. Systems have collection of predefined_____related to each other in a sequenced logical manner inorder to collectively achieve the desired results.
- **Procedures PG # 28**
- Data
- Managers
- Customers

87. Factors which an organization should consider to make security cost effective are
i. Criticality of information assets
ii. Devising safeguards
iii. cost of implementation of safe guards
iv. An optimum balance between the harm arising from a security breach and the costs associated with thesafeguards.
- i, ii
- ii, iii
- iii, iv
- **i, ii, iii, iv PG # 147**

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88. In which phase of risk management process, project manager will assess the level of risk to the IT system?
    - **Risk Determination PG # 167**
    - Impact Analysis
    - Broad Determination
    - Likelihood Analysis

89. In Object oriented programming,_____is the property that allows an operation to have differentbehavior on different objects.
    - Friend function
    - **Polymorphism**
    - Inheritance
    - Encapsulation

90. Which of the following phase is not included in Decision Making?
    - Intelligence
    - Design
    - Choice
    - **Development PG # 71**

91. Which of the following phase of decision making process involves searching for conditions in the environmentthat call for decisions?
    - **Intelligence PG # 71**
    - Design
    - Choice
    - Implementation

92. Which of the following refers to the process of identifying attempts to penetrate a system and gain unauthorizedaccess?
    - Threat Identification
    - **Intrusion detection PG # 160**
    - Access Control
    - Security detection

93. Which of the following is a private enterprise owned communication network that uses internet protocols,network connectivity, and public telecommunication system for organizations' employees?
    - Internet
    - **Intranet PG # 138**
    - Transmission Control Protocol
    - Mail Server

94. A non-financial transaction with an electronic process using Internet, technologies is called_____
    - **E-business PG # 183**

- E-commerce
- M-commerce
- N-commerce

95. Creating a map with directions from your home to the post office on Google maps is
    - E-commerce
    - M-commerce
    - **E-business PG # 183**
    - G-commerce

96. _____means minimizing the risk by implementing the controls so that overall adverse impact ofthreat can be reduced.
    - Risk assumption
    - Risk avoidance
    - **Risk limitation PG # 145**
    - Risk planning

97. _____means managing the risk by developing risk mitigation plan that predicts implements andmaintain controls.
    - Risk assumption
    - Risk avoidance
    - Risk limitation
    - **Risk planning PG # 145**

98. Which of the following usually contain records describing system events, application events, or user events?
    - **An event-oriented log PG # 159**
    - A record of every keystroke
    - A record of every mouse click
    - A record of mouse touchpad

99. In which phase of change management People realize that need for change and find short term solutions
    - **Rational Understanding PG # 202**
    - Integration
    - Unfreezing
    - Lack of good information

100. Which phase is the last phase of change management, in which total link-up is created between newly acquiredpatterns of thinking and acting?
    - Rational Understanding
    - Unfreezing
    - Lack of good information

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❖ **Integration** **PG # 202**

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