1. What is the purpose of conceptual system design?

a) To develop detailed software algorithms
b) To establish system constraints
c) To determine hardware specifications
d) To conduct system testing

Answer: b) To establish system constraints

Explanation: Conceptual system design aims to define the scope, objectives, and constraints of a system before delving into detailed design aspects.

2. Which stage involves developing alternative conceptual designs and selecting one?

a) Detailed System Design
b) System Constraints Determination
c) Information Needs Determination
d) Conceptual System Design

Answer: d) Conceptual System Design

Explanation: During conceptual system design, various alternative designs are brainstormed and evaluated before selecting the most suitable one to proceed with.

3. What is a key task in detailed system design?

a) Determining system constraints
b) Establishing information needs
c) Developing alternative designs
d) Sketching detailed operating MIS systems

Answer: d) Sketching detailed operating MIS systems

Explanation: Detailed system design involves sketching out the detailed operating MIS systems, including information flows, inputs, outputs, and processing methods.

4. Which stage involves identifying dominant and trade-off criteria?

a) Conceptual System Design
b) Detailed System Design
c) Project Management of MIS Detailed Design
d) System Constraints Determination

Answer: b) Detailed System Design

Explanation: In detailed system design, dominant and trade-off criteria are identified to make

informed decisions about the subsystems and design choices.

---

5. What is determined during the degree of automation assessment?

a) Hardware specifications

b) Software algorithms

c) Level of human involvement in operations

d) System constraints

Answer: c) Level of human involvement in operations

Explanation: The degree of automation assessment determines how much of the system's operations will be automated versus requiring human intervention.

---

6. Which stage involves proposing an organization to operate the system?

a) Conceptual System Design

b) Detailed System Design

c) Project Management of MIS Detailed Design

d) System Constraints Determination

Answer: b) Detailed System Design

Explanation: In detailed system design, proposing an organization to operate the system is part of establishing the framework for implementation.

---

7. What is a primary focus of early system testing?

a) Identifying system constraints

b) Evaluating detailed operating MIS systems

c) Assessing the degree of automation

d) Ensuring system functionality

Answer: d) Ensuring system functionality

Explanation: Early system testing focuses on verifying that the system functions as intended and identifying any potential issues or bugs.

---

8. What aspect is documented during the preparation of the detailed design?

a) Conceptual system alternatives

b) Information needs determination

c) Detailed operating MIS systems

d) System constraints

Answer: c) Detailed operating MIS systems

Explanation: The detailed design documentation includes sketches, diagrams, and descriptions of the detailed operating MIS systems.

---

9. During which stage are inputs, outputs, and processing methods defined?

a) Conceptual System Design
b) Detailed System Design
c) Project Management of MIS Detailed Design
d) System Constraints Determination

Answer: b) Detailed System Design

Explanation: Inputs, outputs, and processing methods are defined in detail during the detailed system design stage.

---

10. What is the purpose of revisiting the manager/user during the design process?

a) To establish system constraints
b) To gather additional information needs
c) To involve them in proposing an organization

d) To ensure alignment with user requirements

Answer: d) To ensure alignment with user requirements

Explanation: Revisiting the manager/user ensures that the design aligns with their requirements and expectations.

---

11. Which stage involves identifying the organization's information needs?

a) Conceptual System Design
b) Detailed System Design
c) Project Management of MIS Detailed Design
d) System Constraints Determination

Answer: a) Conceptual System Design

Explanation: Identifying the organization's information needs is a key task in the conceptual system design stage.

---

12. What is the purpose of determining information sources?

a) To establish system constraints

b) To gather data for detailed design

c) To evaluate conceptual designs

d) To involve the organization in system testing

Answer: b) To gather data for detailed design

Explanation: Determining information sources helps gather relevant data to inform the detailed design process.

---

13. Which stage involves developing alternative conceptual designs?

a) Conceptual System Design

b) Detailed System Design

c) Project Management of MIS Detailed Design

d) System Constraints Determination

Answer: a) Conceptual System Design

Explanation: Developing alternative conceptual designs is part of the conceptual system design stage to explore various possibilities.

---

14. What is a primary objective of documenting the system concept?

a) To establish system constraints

b) To inform and involve the organization

c) To propose an organization to operate the system

d) To prepare the conceptual design report

Answer: d) To prepare the conceptual design report

Explanation: Documenting the system concept involves preparing a report that outlines the key aspects of the proposed system design.

---

15. What aspect is emphasized during project management of MIS detailed design?

a) Detailed operating MIS systems

b) Identifying dominant criteria

c) Determining degree of automation

d) Sketching information flows

Answer: a) Detailed operating MIS systems

Explanation: Project management of MIS detailed design focuses on overseeing the implementation of the detailed operating MIS systems according to the design specifications.

Related Posts:

1. Introduction of IC Engine MCQs
2. Combustion in SI engines MCQs

3. Combustion in CI Engines MCQs

4. Fuel MCQs

5. Supercharging & Turbo charging MCQs

6. Fundamental Aspects of Vibrations MCQs

7. Damped Free Vibrations: Viscous damping MCQs

8. Harmonically excited Vibration MCQS

9. Systems With Two Degrees of Freedom MCQs

10. Noise Engineering Subjective response of sound MCQs

11. Mechatronics Overview and Applications MCQs

12. REVIEW OF TRANSDUCERS AND SENSORS MCQs

13. MICROPROCESSOR ARCHITECTURE MCQs

14. Electrical and Hydraulic Actuators MCQs

15. SINGLE CONDITIONING MCQs

16. Dynamics of Engine Mechanisms MCQs

17. Governor Mechanisms MCQs

18. Balancing of Inertia Forces and Moments in Machines MCQs

19. Friction MCQs

20. Brakes MCQs

21. Introduction Automobile Fuels MCQs

22. Liquid alternative fuels MCQs

23. Gaseous Fuels MCQs

24. Automobile emissions MCQS

25. Emissions Norms & Measurement MCQs

26. Method study MCQs

27. Work measuremen MCQs

28. Job Contribution Evaluation MCQs

29. Human factor engineering MCQs

30. Display systems and anthropometric datA MCQs
31. Quality Management MCQs
32. Quality Management process MCQs
33. SQC-Control charts MCQs
34. Process diagnostics MCQs
35. Process improvement MCQs
36. Finite Element Method MCQs
37. Element Types and Characteristics MCQs
38. Assembly of Elements and Matrices MCQs
39. Higher Order and Isoparametric Elements MCQs
40. Static & Dynamic Analysis MCQs
41. Refrigeration & Cooling MCQs
42. Vapour compression system MCQs
43. Vapour absorption system MCQs
44. Psychometric MCQs
45. Air conditioning MCQS
46. Chassis & Body Engg MCQs
47. Steering System MCQs
48. Transmission System MCQs
49. Suspension system MCQs
50. Electrical and Control Systems MCQS
51. Emission standards and pollution control MCQs
52. Tribology and Surface Mechanics MCQs
53. Friction MCQs: Concepts and Analysis
54. Understanding Wear Mechanisms MCQs
55. Lubricants and Lubrication Standards MCQS
56. Nano Tribology MCQs

57. Machine Tools MCQs

58. Regulation of Speed MCQs

59. Design of Metal working Tools MCQs

60. Design of Jigs and Fixtures MCQs

61. Design of Gauges and Inspection Features MCQs

62. Production Systems MCQs

63. Work Study MCQs

64. Production Planning MCQs

65. Production and Inventory Control MCQs

66. Productivity MCQs

67. DESCRIPTIVE STATISTICS MCQs

68. INTRODUCTION TO BIG DATA MCQs

69. BIG DATA TECHNOLOGIES MCQs

70. Energy Management MCQs

71. Energy Audit MCQs

72. Material energy balance MCQs

73. Monitoring and Targeting MCQs

74. Thermal energy management MCQs

75. System Concepts MCQs

76. Management MCQs

77. Marketing MCqs

78. Productivity and Operations MCQs

79. Entrepreneurship MCQs

80. Introduction of MIS MCQs

81. Information systems for decision-making MCqs

82. Implementation, Evaluation and Maintenance of the MIS MCQs

83. Pitfalls in MIS Development MCQs

84. Cloud Computing MCQs

85. Data Science MCQs

86. Computer Organization and Architecture MCQs

87. DBMS Normalization MCQs

88. Advanced Computer Architecture MCQ

89. Environmental Pollution mcq

90. Social Issues and the Environment MCQ

91. Data Structure MCQ

92. Stacks MCQ

93. Analog/Digital Conversion, Logic Gates, Multivibrators, and IC 555 MCQ

94. Introduction to Digital Communication MCQ

95. Numerical Methods MCQ

96. Transform Calculus MCQ

97. The Software Product and Software Process MCQ

98. Software Design MCQ

99. Memory Organization MCQ

100. Multiprocessors MCQ

101. Software Development and Architecture MCQ

102. Software architecture models MCQ

103. Rough Set Theory MCQ

104. Introduction to Swarm Intelligence, Swarm Intelligence Techniques MCQ

105. Study of traditional routing and transport MCQ

106. Wireless LAN MCQ

107. Mathematical Background for Cryptography MCQ

108. Cryptography MCQ

109. Supervised Learning MCQ

110. Clustering & Association Rule mining MCQ

138. Array MCQS

139. C Programming Essentials Structures, Preprocessor, and Unions MCQs

140. Unix/Linux MCQs

141. The Shell Basic Commands, Shell Programming MCQs

142. Biodiversity and its conservation MCQs

143. Environmental Pollution mcqs

144. Frequency domain representation of signal mcqs

145. State Space & Control Systems MCQs

146. The z-Transformmcqs

147. Propagation of radio waves mcqs

148. Satellite Systems and Orbital Mechanics MCQs

149. Embedded System Architecture mcqs

150. Rectifiers and Thyristors MCQs

151. CMOS Processing Technology MCQs

152. Information Channels MCQs

153. Cellular Mobile Systems MCQs

154. Design Principles for Web Connectivity MCQs

155. Signal degradation in Optical Fibre MCQs

156. Millimeter-Wave Communications MCQs

157. Image Enhancement Techniques MCQs

158. Theory of Measurement MCQs

159. Registers and Counters MCQS

160. Network Graph theory MCQs

161. 8051 Microcontrollers & Embedded Systems MCQs

162. Transmission Line Fundamentals MCQs

163. Theodolite Traversing MCQs

164. Town Planning & Perspective Drawing MCQs