

System Analysis and Design MCQs [set-1]

1. is an important factor of management information system.

- A. System
- B. Data
- C. Process
- D. All

Answer: A

2. level supply information to strategic tier for the use of top management.

- A. Operational
- B. Environmental
- C. Competitive
- D. Tactical

Answer: D

3. In a DFD external entities are represented by a

- A. Rectangle
- B. Ellipse
- C. Diamond shaped box
- D. Circle

Answer: A

4. can be defined as data that has been processed into a form that is meaningful to the recipient and is of real or perceive value in current or prospective decisions.

- A. System
- B. Information
- C. Technology
- D. Service

Answer: B

5. Use the new system as the same time as the old system to compare the results. This is known as

- A. Procedure Writing
- B. Simultaneous processing
- C. Parallel Operation
- D. File Conversion

Answer: C

6. After the design phase the document prepared is known as.....

- A. system specification
- B. performance specification
- C. design specification
- D. None of these

Answer: C

7. A data flow can

- A. Only emanate from an external entity
- B. Only terminate in an external entity
- C. May emanate and terminate in an external entity
- D. May either emanate or terminate in an external entity but not both

Answer: C

8. can be defined as most recent and perhaps the most comprehensive technique for solving computer problems.

- A. System Analysis
- B. System Data
- C. System Procedure
- D. System Record

Answer: A

9. Which of the following is / are the Characteristics of information?

- A. Accuracy and Relevance
- B. Form of information and Timeliness
- C. Completeness and Purpose
- D. All A, B & C

Answer: D

10. The data Flow Diagram is the basic component of system

- A. Conceptual
- B. Logical
- C. Physical
- D. None of the above

Answer: B

11. Data cannot flow between two data stores because

- A. it is not allowed in DFD
- B. a data store is a passive repository of data
- C. data can get corrupted
- D. they will get merged

Answer: D

12. The characteristics of well designed system are a) Practical b) Effective c) Secure d) Reliable e) Flexible f) Economical

- A. a, b, c and d
- B. a, c, d and e
- C. a, b, c, d and e
- D. a, b, c, d, e and f

Answer: D

13. gives defining the flow of the data through and organization or a company or series of tasks that may or may not represent computerized processing.

- A. System process
- B. System flowchart
- C. System design
- D. Structured System

Answer: B

14. In the Analysis phase, the development of the _____ occurs, which is a clear statement of the goals and objectives of the project.

- A. documentation
- B. flowchart
- C. program specification
- D. design

Answer: C

15. Actual programming of software code is done during the _____ step in the SDLC.

- A. Maintenance and Evaluation
- B. Design
- C. Analysis

D. Development and Documentation

Answer: D

16. Enhancements, upgrades, and bug fixes are done during the _____ step in the SDLC.

A. Maintenance and Evaluation

B. Problem/Opportunity Identification

C. Design

D. Development and Documentation

Answer: A

17. HIPO stand for

A. Hierarchy input process output

B. Hierarchy input plus output

C. Hierarchy plus input process output

D. Hierarchy input output Process

Answer: A

18. Advantages of system flowcharts

A. Effective communication

B. Effective analysis

C. Queasier group or relationships

D. All A, B, C

Answer: D

19. is a tabular method for describing the logic of the decisions to be taken.

A. Decision tables

B. Decision tree

C. Decision Method

D. Decision Data

Answer: A

20. The approach used in top?down analysis and design is

A. to identify the top level functions by combining many smaller components into a single entity

B. to prepare flow charts after programming has been completed

C. to identify a top level function and then create a hierarchy of lower?level modules and components.

D. All of the above

Answer: C

21. Documentation is prepared

A. at every stage

B. at system design

C. at system analysis

D. at system development

Answer: A

22. Decision tree uses

A. pictorial depiction of alternate conditions

B. nodes and branches

C. consequences of various depicted alternates

D. All of the above

Answer: D

23. Problem analysis is done during

A. system design phase

B. systems analysis phase

C. before system test

D. All of the above

Answer: B

24. A decision table facilitates conditions to be related to

A. Actions

B. Programs

C. Tables

D. Operation

Answer: A

25. A _____ is an outline of a process that keeps develop successful information systems

A. System Development Life Cycle

B. CASE tool

C. Phased Conversion

D. Success Factors

Answer: A

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