Paper Code - 3687

M.Sc. (C.A. & IT) Semester-III (New Course)
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302 System Analysis And Design

કુલ સમય :– : ૬૦ મીનીટ કુલ પ્રશ્નો : ૫૦ વિદ્યાર્થીએ ટીક કરવાના પ્રશ્નો : ૩૫

નોંધ : વિદ્યાર્થીએ માત્ર ૩૫ પ્રશ્નો જ ટીક કરવાના રહેશે. જો વધારે ટીક કરેલ હશે તો પ્રથમ ૩૫ પ્રશ્નો જ ગણતરીમાં લેવામાં આવશે.

1. System implementation phase entails…….
   (a) System check out (b) Pilot run (c) Parallel runs (d) All of the above
2. A grouping of components integrate to each other and archiving some objective or goal is called_____
   (a) Goal (b) Basic component (c) System (d) Life cycle
3. How much characteristics of system?
   (a) One (b) Four (c) Two (d) Five
4. What is life cycle_____
   (a) Only life (b) Only death (c) Birth , life and death (d) None of this
5. How much types of system element?
   One (b) Five (c) Three (d) Four
6. Input may be _____
   (a) Man, machine, material and information. (b) Student, faculty, book and information.
   (c) Raw material, physical resources and human energy. (d) None of the above
7. It is the element that involves the actual transformation of input to output is called…….
   (a) Input (b) Interaction & structure (c) Behavior (d) Process
8. What is define the output?
   (a) Input (b) Result (c) Process (d) Goal
9. Which of the following is not an element of the system?
   (a) Input (b) Process (c) Black box (d) Output
10. How much types of system concept?
    (a) Six (b) Nine (c) Five (d) Three
11. The large system is very difficult to understand but large system divided into smallest part. This smallest part is called_____
    (a) Basic component (b) Interaction & structure (c) Operation physibility (d) Sub system
12. Which side of the system is boundary?
    (a) Outside (b) Side up (c) Inside (d) Side of the top
13. What is outside the boundary?
    (a) Input (b) System (c) Environment (d) Interface
14. The interconnection and interaction between sub system is called_____
    (a) Black box (b) Interface (c) Evaluation (d) Implementation
15. The way to get the review of the system is called_____
    (a) Interface (b) Design of system (c) Dataflow (d) Feedback control
16. How much types of feedback control?
    (a) 2 (b) 5 (c) 4 (d) 1
17. The input and output are known but not actual transformation from one to another is called_____
    (a) External entity (b) Data store (c) Black box (d) Process
18. Full form of SDLC_____
    (a) System design logic cycle (b) System development logic control
    (c) System development life cycle (d) System design life cycle
19. How much stage SDLC will perform?
    (a) 10 (b) 9 (c) 6 (d) 4
20. How much parts of preliminary investigation?
    (a) 5 (b) 3 (c) 2 (d) 4
21. Full form of DFD_____
    (a) Data flow diagram (b) Data flow design (c) Data fact diagram (d) None of this
22. Implementation is ……
    (a) Way to system (b) On going system (c) On going process (d) React the system
23. The specify method analyst use for collect data about requirement are called_____
    (a) Interviewing (b) Fact finding technique (c) Observation (d) Data flow diagram
24. Which of the following is not the types of fact finding technique?
    (a) Interviewing (b) Record review & record inspection (c) Observation (d) Sequence structure

25. In which type of fact finding technique information is collected individually?
(a) Observation (b) Questionary (c) Interviewing (d) Record review & record inspection
26. Full form of SADS……..
(a) System analysis development structure (b) System analysis design structure
(c) System analysis development strategy (d) System analysis design strategy
27. How much types of SADS……..
(a) Two (b) Four (c) Five (d) One
28. How much symbols are DFD used…….
(a) 4 (b) 6 (c) 3 (d) 2
29. Full form of PDFD……
(a) Physical data flow diagram (b) Physical design flow development
(c) Physical data define diagram (d) None of this
30. Group of character and group of digits that identify and describe the item is called_____
(a) Item (b) Code (c) Component (d) Character
31. How much principle of software design?
(a) 5 (b) 6 (c) 4 (d) 7
32. _____refers to the strength of relationship between two module in a system.
(a) Coupling (b) Cohesion (c) Size (d) Span of control
33. _____strength of relationship within a modules.
(a) Cohesion (b) Size (c) Coupling (d) Span of control
34. How much types of coupling?
(a) Two (b) Five (c) Four (d) Seven
35. _____is the one module always depend on another module.
(a) Loose coupling (b) Tight coupling (c) Cohesion (d) Coupling
36. How much types of software design and documentation?
(a) Three (b) Five (c) Six (d) Seven
37. Full form of HIPO diagram_____
(a) Hierarchical interface process output (b) Hierarchical input process operator
(c) Hierarchical insert process operator (d) Hierarchical input process output
38. How much types of HIPO?
(a) 4 (b) 3 (c) 2 (d) 5
39. Full form of VTOC_____
(a) Visual time output computer (b) Visual time of computer
(c) Visual table of contents (d) Visual table operator contents
40. Warnier/orr diagram is also known as_____
(a) Logical construction of program (b) Logical construction of operator
(c) Logical command of operator (d) Logical construction of logic
41. ……is a technique to find the error in the system.
(a) Testing (b) Group (c) Code (d) System
42. How much types of level of testing?
(a) 5 (b) 3 (c) 7 (d) 8
43. How much types of training?
(a) 2 (b) 5 (c) 4 (d) 7
44. _____is the process of changing from the old system to the new system.
(a) New record (b) Change record (c) Conversion (d) Record review
45. This ( ) used to…..
(a) Data store (b) Dataflow (c) Process (d) File
46. This symbol used to….
(a) Login (b) Data store (c) Process (d) Rectangle
47. This _____symbol use to…
(a) Flow (b) Data Store (c) File (d) Process
48. In a DFD external entities are represented by a.
(a) Rectangle (b) Ellipse (c) Diagram shaped box (d) Circle
49. A context diagram……
(a) Describe context of a system (b) Its describe system and user information
(c) Is a detailed description of a system (d) is not used in drawing a detailed DFD
50. HIPO diagram develop by……
(a) MCG (b) AMC (c) USS (d) IBM