SOFTWARE ENGINEERING BASED COMPUTER MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

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Q1. User documentation defines

- a) Computer program
- b) Computer system
- c) Use of computer systems
- d) Structure of computer system

Q2. Software metric is

- a) It is the general process of changing system after it has been delivered. The changes can be to correct coding error to correct design error, or adding new components to system.
- b) It is concerned with deriving a numeric value for some attribute of a software product or a software process.
- c) It is any type of measurement, which relates to software system, process and related documentation.
- d) None of these
- **Q3.** If the server is only responsible for data management and software on the client implements the application logic, then one can referrer this model as
- a) Client server model
- b) Fat client server model
- c) Thin client server model
- d) None of these

Q4. Iterative model includes

a) Waterfall model

- b) Sequential model
- c) Incremental development
- d) Random model

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Q5. COCOMO cost model

- a) It takes project, product hardware and personnel attributes into account when formulating a cost estimate.
- b) In it server provides set of services and set of clients uses these services.
- c) Extent to which standards are used to achieve interoperability.
- d) None of these

Q6. Sub system is

- a) Dependent system
- b) Independent system
- c) Component
- d) None of these

Q7. In Broadcast models

- a) The low-level components of a system are integrated and tested before the higher-level components have been developed.
- b) The testing process starts with modules at lower levels in the hierarchy and works up the hierarchy of modules until the final module is tested
- c) An event driven control system, where an event is broadcasted to each subsystem and any sub-system that can handle that event responds to it.
- d) Control starts of the top of a sub routine hierarchy and through sub routine calls passes to lower levels.

Q8. Fan- out is referred to

- a) It is a measure of number of function that calls some other function.
- b) It is measure of number of functions that are called by a function.
- c) In it server is only responsible for data management.
- d) None of these

Q9. In Data Processing model

- a) Here data-flow diagram show, how data is processed at different stages in the system. These are behavioral models
- b) It registers all/ selected activities of a computer system.
- c) Technique used to transform raw data into a more useful form.
- d) Data is shifted to modern data base management system.
- **Q10.** Match the following: A- Managed device: B-Managed object: C- Managed processes: 1- Type of node residing on a network, such as a computer, printer or routers that contain a management agent. 2- Characteristic of a managed device that can be monitored, modified or controlled. 3- It is a defined process model. Procedures used are defined and scheduling and relationship between them is defined.
- a) A-1, B-3,C-2
- b) A-1,B-2,C-3
- c) A-2,B-3,C-1
- d) A-3,B-2,C-1

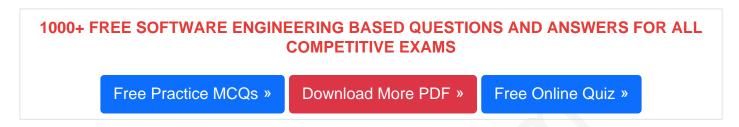
Q11. Fault tree analysis is

- a) It is the process of modifying the state space of the system so that the effects of the fault are minimized and system can continue in operation in some degraded state.
- b) Capacity of a system or component to continue normal operation despite the presence of hardware or software faults.
- c) It is the widely used hazard technique

d) Incorrect step, process, or data definition in a computer program

Q12. Safety is

- a) Avoiding catastrophic moment
- b) Ease with which a system or component are modified to fit the problem area.
- c) It is a bounded area of responsibility.
- d) None of these



Q13. Software engineering method is

- a) Associated with production of software as per specification
- b) Structured approach to software development, whose aim is to facilitate the production of high-quality software in a cost-effective way.
- c) An engineering discipline, concern with software development.
- d) None of these

Q14. Risk planning involves

- a) Avoidance strategies
- b) Minimization strategies
- c) Contingency plan
- d) All the above

Q15. Computer Aided Software Engineering (CASE) is

- a) Extent to which all the parts of a software system or component are present and each of its parts is fully specified and developed.
- b) Testing of individual hardware/software components

- c) An Entity-relation (E-R) diagram show how entities in the system are composed of other entities
- d) It consists of wide range of different types of computer programs, which be used to support software process activities such as a requirement analysis, system modeling, debugging and testing.

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Answers to the above questions:

Q1.	Answer:	(c)	
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Q2.	Answer:	(a))
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Q3. Answer: (b)

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DATA MINING AND DATA WARE HOUSE ELECTRONICS DATA PROCESSING

Q4. Answer: (d)
Q5. Answer: (a)
Q6. Answer: (b)
Q7. Answer: (c)
Q8. Answer: (b)
Q9. Answer: (a)
Q10. Answer: (b)
Q11. Answer: (c)
Q12. Answer: (a)

Q13. Answer: (b)			
Q14. Answer: (d)			
Q15. Answer: (c)			

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