

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

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Created By [Careericons](#) Team

Q1. User documentation defines

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

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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
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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)

Q2. Answer: (a)

Q3. Answer: (b)

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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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