PPSC Computer Science Topic 21 Software Engineering

Sr	Questions	Answers Choice
1	A simple way of looking at the spiral software life cycle model is as a waterfall model with each phase proceeded by.	A. Build and fix B. Freezing C. synchronization D. risk analysis
2	Object oriented concepts are not new The first OO language was considered to be	A. ALGOL -68 B. FORTRAN 77 C. C D. SIMULA 67
3	Which of the following of not viewed as a primary mover in improving the software process.	A. Increased effectiveness B. Better product quality C. Reduced costs D. Tighter managerial control
4	If intermediate COCOMO the mode that represents complex products is referred to as.	A. Embedded B. Semidetached C. Organic D. Monolithic
5	Which property of the rapid prototype is not important.	A. The speed with which it can be developed B. The speed with which it can be modified C. Its ability to determine the clients real needs D. Its internal strcuture.
6	What are the major activities of the spiral model of software engineering.	A. Planning Risk analysis, engineering customer evaluation B. Defining, prototyping, testing delivery C. Requirements D. Testing
7	Which box specification is not associated with cleanroom approach.	A. Black box B. Clear box C. State box D. While box
8	Which of the following is not a concern during the management of a software project.	A. Money B. Time C. Product quality D. Project information
9	Which of the following could be a deliverable for a software system.	A. Source code B. Reference manual C. User's guide D. All of above
10	Traditionally the phase of software development where a formal approach used is.	A. Programming B. Design C. Planning D. Testing
11	Which of the following is a type of abstraction.	A. Data B. Procedural C. Iteration D. All of the above
12	Which among the following measures how strongly the elements within a module are related.	A. Coupling B. cohesion C. Aggregation D. Abstraction
13	Empirical estimation models are typically based on.	A. Expert judgment based on past project experiences B. Refinement of current project estimation C. Regression models derived from historical project data D. Estimation of present data
		A. Can be written more compactly

14	Coupling is a qualitative indication of the degree to which a module.	B. Focuses on just one thing C. Is connected to other modules D. Is able to completed its logic in a timely manner.
15	Myers 1978 identifies seven levels of cohesion .which level of cohesion may be defined as followed, the output from one element in the component serves as input for some other elements.	A. Communicational cohesion B. Functional cohesion C. Communicational cohesion D. None
16	The information we need to capture during requirements analysis not include.	A. Hiring authority B. Communication paths C. Synchronization D. Data aggregation
17	How does a software project manager need to act to minimize the risk of software failure.	A. Double the project team size B. Request a large budget C. Form a small software team D. Track progress
18	To which software category does knowledge based system belongs.	A. system software B. Real time softeare C. Embedded software D. Artificial intelligent software
19	Which of the following is a life cycle concern.	A. Testing B. Portability C. Programming D. Planning
20	The best way to test the software project management plan .	A. Prototyping B. Inspection C. Simulation D. Debugging