

Software Engineering CS-303

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Time Allowed: 10 minutes Quiz # 1
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1. The waterfall model is unrealistic because requirements must be **frozen** too early in the life-cycle and **verified** too late.
2. DLL stands for **dynamically linked library**.
3. CMM stands for **Capability maturity model**.
4. OTS stands for **Off the Shelf**.
5. Name four stakeholders in the development of Payroll system for the university.
a. Employee b. Accountant c. HR officer d. Finance office
6. The **Spiral model** is an evolutionary software process model that couples the iterative nature of prototyping with the controlled and systematic aspects of the waterfall model.
7. **Incremental** development is particularly useful when staffing is unavailable for a complete implementation by the business deadline that has been established for the project.
8. Device drivers is a type of **system** software.
9. Real-time manufacturing process control is a type of ----- software.
10. **Embedded** software—resides within a product or system.
11. **Artificial intelligent software**—makes use of non-numerical algorithms to solve complex problems that are not amenable to computation or straightforward analysis.
12. The four basic product attributes are **Maintainability** □ **Dependability** □ **Efficiency** □ **Usability**
13. **cost** tend to rise exponentially if very high levels of any one product attribute are required.

14. The proliferation of **legacy software** is causing headaches for large organizations who find them costly to maintain and risky to evolve.
15. **Unit** testing is performed by developers instead of testers.