

Computer teacher has advised her student that before starting coding you always need to follow the below activities: Analyse the requirement, write pseudocode then code the same.

From the above scenario, identify the apt keyword from below the teacher is trying to make her students follow

- ☐ hardware
- ☒ process
- ☐ computer program
- ☐ software

A _____ is a set of programs, procedures and its documentation concerned with the operation of a data processing system.

- ☐ hardware
- ☐ process
- ☐ computer program
- ☒ software

In Ad-hoc software development, the process to be followed is unpredictable and can be changed over time as the product development progress.

- ☒ True
- ☐ False

Software engineering is the application of a systematic, disciplined, quantifiable approach to the design, development, operation, and maintenance of software.

- ☒ True
- ☐ False

Transition from what phase to how is implemented in ----- phase of SDLC

- ☐ Implementation
- ☒ Design
- ☐ Testing
- ☐ Feasibility

_____ deals with transforming the customer requirements, into a set of documents that is suitable for implementation in a programming language.

- ☐ Implementation
- ☐ System Analysis
- ☒ Software design
- ☐ Testing

Unit testing is performed by

- ☐ Tester
- ☐ End User
- ☒ Developer
- ☐ Project Manager

Allen Company got a project to be done from scratch. They decided to follow the below steps : Analysis,Design,Coding,Testing. This constitutes

- ☐ SRS
- ☒ SDLC
- ☐ SLDC
- ☐ SLC

The goal of the system analyst is to determine where the problem is, in an attempt to fix the system.

- ☒ True
- ☐ False

The software is put into operation in the clients environment. Client comes back to enhance the UI to attract more customers. This is -----project

- ✓ ☒ Maintenance
- ☐ Development

The student mark processing system software has been developed and deployed at the StPeter's University. The system shows the grade as 0 for all the students rather than the actual grade. Which below phase was not done properly during SDLC

- ✓ ☒ Software testing
- ☐ Software Analysis
- ☐ Software designing
- ☐ Maintenance

Which confirms that the software meets its technical specifications?

- ☐ validation
- ✓ ☒ verification
- ☐ defect finding
- ☐ designing

----- does not involve in the source code execution

- ☐ designing
- ☐ verification
- ☐ defect finding
- ✓ ☒ validation

In evolutionary prototype model unstable requirements are prioritized and the code is developed initially for the unstable requirements then for the stable requirements

- ☐ True
- ✓ ☒ False

In which model, Testing is done from the earlier stage thereby bringing high quality into the development of our products.

- ☐ RAD
- ☐ Spiral model
- ☐ Waterfall model
- ✓ ☒ V-model

_____ is a linear sequential model, systematic in approach and the principle of this model suggests - "Can't retrieve to previous phase"

- ✓ ☒ Waterfall model
- ☐ Prototype model
- ☐ Spiral model
- ☐ V-model

The KK department is doing few activities manually for the past 10 years. The department has decided to automate the same activities to improve profitability. Which model would be best suited for the above scenario

- ☐ RAD
- ☐ Spiral model
- ✓ ☒ Waterfall model
- ☐ V-model

The client wants the UI Screen in their company logo color. The developer is not very sure about the color which the client is expecting. In this scenario which would be the right model that can be used?

- ✓ ☒ Prototype model
- ☐ V-model
- ☐ Waterfall model
- ☐ Spiral model

_____ prioritizes requirements of the system and implements them in groups.

- ☐ Prototype model
- ☐ Spiral model
- ☒ Incremental model
- ☐ V-model

The RAD model follows a component based approach.

- ☒ True
- ☐ False

_____ is not suitable for large projects because they require more manpower for creating multiple RAD groups.

- ☒ RAD
- ☐ Waterfall model
- ☐ V-model
- ☐ Spiral model