**Software Engineering**

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| **Q1** | **when waterfall model being used?** |
| **Q2** | **Many different software processes but all involve:****A.** **programming, Design and implementation,Validation and Evolution.****B. Specification , Design and implementation, Verification and Evolution.****C. Specification, Design and implementation, Validation and reviewing.****D. Specification, Design and implementation, Validation and Evolution.** |
| **Q3** | **There are separate identified phases in the waterfall model:**1. **Requirements analysis and definition, System and software design, Implementation and risk management, measurement, production, and reviewing.**
2. **Requirements analysis and definition, System and software design, construction, Integration and system testing and Operation and programming.**
3. **Requirements analysis and definition, System and software design, programming, debugging, maintenance.**
4. **Requirements analysis and definition, System and software design, Implementation and unit testing, Integration and system testing and Operation and maintenance.**
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| **Q4** | **George Polya outlines the essence of problem solving, suggests:**1. **study the problem, Plan a solution, Carry out the plan and program the result for accuracy .**
2. **Understand the problem, design a solution, Carry out the plan and Examine the result for accuracy .**
3. **Understand the problem, Plan a solution, Carry out the plan and Examine the result for accuracy .**
4. **Understand the problem, Plan a solution, Carry out the plan and measurement the result for accuracy .**
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| **Q5** | **Which question falls under Carry Out the Plan?**1. **Do the solutions conform to the plan?**
2. **Is it possible to test each component part of the solution?**
3. **Have you seen similar problems before?**
4. **Can sub problems be defined?**
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Lecturer

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