Answer the following questions to validate the learning outcomes from "Software Process Models" presentation

1. What problems might a software development team face if it does follow any life cycle models during development of a large software product?

2. Which phase consumes the maximum effort for developing a software product?

3. Write an example of a software project for which the waterfall is not suitable.

4. What do you mean by the "99% complete" syndrome in software development?

5. If a developer has already experienced in developing payroll software for different customers; for developing a payroll software for another customer, which life cycle model is recommended? Justify the reason.

6. Suggest a suitable life cycle model for a customer who is unsure of his/her requirements and is likely to change requirements very frequently. Write the reasoning behind your answer.

7. For a project beset with many risks, would you recommend the prototyping or the spiral model? Justify the answer.