HTCS5601 Systems Methodologies Worksheet

Answer these questions from the videos.

**Waterfall Approach**

1. Who is the author of the video?
2. What year was it made?
3. What is his definition of the Waterfall model?
4. Complete

Best projects for the waterfall model are \_\_\_\_\_\_\_ in size and whose \_\_\_\_\_\_\_\_\_\_\_\_ can be determined up front.

1. Write the equivalent

|  |  |
| --- | --- |
| Video phases | Gerard’s phases |
| Requirements |  |
| Design |  |
| Implementation |  |
| Verification |  |
| Deployment |  |
| Maintenance |  |

1. What event closes the requirements phase?
2. What is the difference between logical design and physical design?
3. What event closes the design phase?
4. What is his definition of Implementation?
5. Can verification start before all implementation is complete?
6. What happens if a mistake is found?
7. What are the four advantages of the waterfall model?
8. What are the four disadvantages of the waterfall model?

**Rapid Application Development**

1. What does RAD concentrate on?
2. Which phases of the SDLC are combined?
3. Which phases are repeated?
4. Name two disadvantages of RAD?

**Agile Approach**

1. Who are the people involved in Software Development?
2. What is the Product backlog
3. What is a Pull system
4. What is a sprint?
5. What happens in the daily scrum?
6. What are the two things that happen at the end of the sprint?
7. What are three things that happen in Kanban?