STAGE 2: While watching

Watch the video and choose the correct option for each question.

1. **What is SDLC used for?**

   - A) To design the software interface
   - B) To plan, structure, and control the process of developing software
   - C) To test the software after development
   - D) To provide requirements for a software product

2. **What happens during the "requirements gathering and analysis phase"?**

   - A) The project team designs the software
   - B) The customer specifies what they need from the software
   - C) The project team reviews the final product
   - D) The customer approves the project plan

3. **Why is the requirements gathering phase considered critical?**

   - A) Because it helps the customer select the best design
   - B) Because it organizes the project's resources
   - C) Because it ensures the software meets deadlines
   - D) Because it defines the foundation for the entire project

4. **What is the purpose of the requirements specification document?**

   - A) To record the software bugs
   - B) To track the project's timeline
   - C) To outline the project budget
   - D) To serve as a point of reference for the project team

5. **What does the project manager do after receiving the customer requirements?**

   - A) Analyze and document the requirements
   - B) Start designing the software interface
   - C) Deliver the software to the customer
   - D) Evaluate the customer's system capabilities

6. **What is evaluated in the analysis phase?**

   - A) The project's timeline
   - B) Whether the requirements can be included without causing problems
   - C) The software interface design
   - D) The project's financial budget

7. **What is the outcome of the analysis phase?**

   - A) The software is delivered to the customer
   - B) The requirements are reviewed and a specification document is created
   - C) The system is tested for bugs
   - D) The customer signs the project agreement

8. **What is the importance of understanding the customer's expectations?**

   - A) To avoid technical problems with the software
   - B) To develop the software exactly as requested by the customer
   - C) To ensure the software meets financial goals
   - D) To prepare the marketing plan for the software

9. **What is one of Lane's key requirements for the software?**

   - A) The software must be available 24/7
   - B) The application must work without requiring computer upgrades
   - C) The software must be able to manage inventory across all five stores
   - D) The software must be able to provide real-time customer support

10. **After analyzing the requirements, what is the next step for the project team?**

    - A) Review and adjust the project goals
    - B) Begin the design phase
    - C) Record the results in a requirements specification document
    - D) Test the software system