**Grand Quiz Final Exams-Revision**

**EW-Theory**

**Question 1: Job Interview.**

*(Choose any of the advertised positions and answer accordingly.)*

1. **Position Software Developer**
2. **Software Engineer**

***List of Questions: (Answer Any Four from Part A, Part B is all mandatory.)***

**Part A**

1. Tell us a bit about the latest project you worked on. Was it completed successfully? Explain how you contributed to its success and handled any obstacles you may have encountered.
2. How would you explain APIs to non-technical stakeholders?
3. What do you think are the most important aspects to pay attention to when reviewing another team member’s code?
4. What has your experience been like a part of an agile software development process, if any?
5. How familiar are you with object-oriented programming (OOP)?
6. When writing your own database server what should you consider?

**Part B**

1. What are your career goals?
2. Do you enjoy working with a team or alone?
3. Talk about some mistakes you learned from.
4. Why should we hire you?
5. What are you looking for in this job?
6. What questions Do you have for us?

**Question 2: Letters (Remember to Use Full Block Format)**

Write a detailed rejection letter for a collaborative research proposal.

**OR**

Decline a Job Offer keeping in consideration and courtesy.

**Question 3: Revise these chats for all missing 7Cs to make these effective.**

1. "Revision req. Assignment incomplete. Due date nearing. Prof notif. ASAP."
2. "Important. Research topic unclear. Clarify needed. Meet supervisor. Tomorrow."
3. "Confused. Lecture content complex. Help req. Office hours sched? Email soon."
4. "Group project update. Teamwork lacking. Discuss meet. Location TBD. Input needed."
5. "Critical. Exam prep. Material vast. Study group form. Comm sched. Plan soon."

**Question 4: Recall the requirements and types of personal statements. Choose any one scenario and create your personal statement within 250-300 words.**

1. **MS in Computer Science Scholarship Application**:
   * Can you describe your academic background and how it has prepared you for graduate studies in computer science?
   * What specific areas of computer science are you interested in pursuing during your master's program?
   * How do you plan to contribute to the academic and research community within the university?
   * Can you discuss any relevant research projects or internships you have participated in that have influenced your decision to pursue graduate studies?
   * How do you envision your career path evolving after completing your master's degree, and what impact do you hope to make in the field of computer science?
2. **Research Grant for Collaborative Software Development Team**:
   * Please outline your experience working within collaborative software development teams and any leadership roles you have taken on.
   * What specific research questions or problems do you hope to address through your collaborative software development project?
   * How do you plan to leverage the diverse skill sets of your team members to achieve your project goals?
   * Can you discuss any previous research projects or software development initiatives that demonstrate your ability to work effectively in a team environment?
   * What potential impact do you foresee your project having on the field of computer science, and how do you plan to disseminate your findings to the broader research community?
3. **Internship Application at an Internationally Renowned Software House**:
   * What motivated you to pursue an internship at our software house, and what specific skills or experiences do you hope to gain from this opportunity?
   * Can you provide examples of projects or challenges you have encountered in your academic or extracurricular activities that demonstrate your problem-solving abilities and creativity?
   * How do you plan to contribute to the success of our software development team during your internship?
   * What do you hope to learn from working alongside industry professionals at our software house, and how do you envision applying this knowledge in your future career?
   * How do you believe your unique background and perspective will add value to our software development team and contribute to a culture of innovation and collaboration?