

- 1) Identify the interaction between objects and represent those using UML Interaction diagrams for the given scenario.

The Company hires personnel for various positions. The candidates must appear for the interview with the unique ID mentioned call letter. The recruiter's verify the unique ID of the candidates before they attend the Technical interview. After the interview, the recruiter's announce the shortlisted candidates to appear for HR-Interview. The selected candidates are announced and the same will be displayed on the display system.

- 2) A Library lends books and magazines to member, who is registered in the system. It also maintains the purchase of new books and magazines for the Library. A member can reserve a book or magazine that is not currently available in the library, so that when it is returned or purchased by the library, that person is notified. The library can easily create, replace and delete information about the books, members, and reservation in the system. The books transactions are stored in the database. The fine list while the member returns the book after the due date must be generated. Analyze the users and actors of this system, and the interactions between them must be depicted