

1. What does System Software do ? Which are different types of System Software ? Discuss various components of system software with the help of a suitable example.
2. What is job of a translator ? Which are different types of translators ? How do they differ ?
3. Discuss various phases of a one pass and two pass assemblers.
4. What is use of macros ? What is meant by macro expansion ? What is need of conditional macro expansion ? Give an example.
5. Discuss various phases of a compiler design.
6. What is difference between Incremental compiler and Cross compiler ?
7. What are basic functions of a loader ? What is the difference between Linker and Loader ?
8. Explain the following :
 - (a) Dynamic Linking
 - (b) Bootstrap Loader.