

CHAPTER 4

SOFTWARE CONCEPTS

One mark questions:

1. What is a program? (U)
2. What is hardware? (U)
3. What is software? (U)
4. What is machine language? (U)
5. What is assembly language? (U)
6. Give an example for high-level language. (A)
7. What is meant by machine dependent language? (K)
8. What is meant by machine independent language? (K)
9. Define opcode. (K)
10. What is an assembler? (U)
11. What is a compiler? (U)
12. What is an interpreter? (U)
13. What is system software? (U)
14. What is application software? (U)
15. What is linker? (U)
16. What is loader? (U)
17. Define operating system. (U)
18. Write any one function of operating system. (A)
19. Name any single-user operating system. (A)
20. Name any multi-user operating system. (A)
21. What is multitasking? (U)
22. What is multithreading? (U)
23. Name any mobile operating system. (A)

Two marks questions:

1. What are the types of software? (U/K)
2. Compare hardware and software. (U)
3. What is application software? Give example. (U /K)
4. What is system software? Give example. (U/K)
5. State the difference between object code and source code. (U)
6. Differentiate between high-level and low-level language. (U)
7. What is a translator? (U)
8. What is an Assembler? (U)
9. Differentiate between interpreter and compiler. (U)
10. What is the function of linker and loader. (U)
11. What is an operating system? Give example. (U)
12. Explain operating system as user interface? (U)
13. Explain need of operating system. (U)
14. Explain real time operating system. (U)
15. Explain batch processing. (U)
16. Explain time sharing system. (U)

17. Write any two functional features of windows. (K)
18. Write any two functional features of network operating system. (K)
19. Write any two functional features of LINUX. (K)
20. Mention any two mobile operating systems. (K)
21. Give the difference between CUI and GUI (K)

Three marks questions:

1. Write a note on Computer languages. (K)
2. Explain different types of operating systems. (U)
3. List any three functions of operating system. (K)
4. Explain multi-user operating system. (U)
5. Mention the features of DOS OS. (K)
6. Mention the features of UNIX OS. (K)
7. Explain the purpose of utilities. (U)
8. Explain the terms multiprogramming and multitasking. (U)
9. Compare CUI and GUI. (U)

Five marks questions:

1. Define the terms:
 - a. Interpreter
 - b. Compiler
 - c. Assembler
 - d. Linker
 - e. Loader
2. Define the following:
 - a. Object code
 - b. Source code.
 - c. Application software
 - d. System software.
 - e. Utilities.
3. What is an operating system? Explain any four operating systems.
4. What are language translators? Explain briefly.
5. What are the different functions of an operating system?
6. What are the features of Disk Operating System (DOS)?
7. What are the features of UNIX operating system?
8. What are the features of Windows operating system?