Question Bank

1.1   What is an operating system? What are the functions of the operating system?

1.2   Describe the users view of the operating system.

1.3   Name two devices that are used as input devices only. Name two devices that are used as output devices only. Name at least one device that can be used as an input as well as output device.

1.4   Explain the difference between multi-programming and time sharing.

1.5   When do we say a system is "multi-programming"? When do we say it is an "on-line" system?

1.6   Give an example of an operational environment when the system would have to be both multi-programming and on-line system.

1.7   Explain the difference between platform and environment.

1.8   What are some of the options available in UNIX command ps? Give description of at least two options.

1.9   Give examples of at least two applications which in your opinion are real-time applications. Support your example with appropriate rationale.

1.10 Enumerate all the HCI support you find in our operational environment on your PC. Identify at least two HCI facilities which your PC does not support but you would have liked it to be there.

1.11 Enumerate the HCI support needed for handicapped persons with following impairments:

    a.   Visually impaired

    b.   Hearing impaired