

Assignment 1, CF, Fall Semester

Deadline: 28 Oct. 2019

Assignment should be hand written.

Write your name, registration No. and section, or else your assignment may not be marked.

Copying is not allowed.

Write in your own words.

Staple your pages properly (binding is not required).

1. What is a computer and what are the different categories of computer? Briefly describe these categories.
2. What is the role of computers in the development of a society? Describe in brief the impact of computers on personal life, education, military, government and technology.
3. Describe briefly the four parts of a computer system.
4. Differentiate data, information and knowledge with the help of an example.
5. What are the four phases of information processing cycle? Describe each phase and draw the cycle diagram.
6. What are the major differences between RAM, ROM and storage devices?
7. What are the advantages and disadvantages of Cathode Ray Tube (CRT) monitors? Why should a person prefer Liquid Crystal Display (LCD) monitors over CRT?
8. Explain the mechanisms of pixel forming in both CRT and LCD monitors.
9. What is the difference between resolution and dot-pitch? Explain how increasing the resolution decreases the image size.
10. Explain the working principle of Keyboard and Mouse. How can these devices be used in accordance with ergonomics?