Core IV: TECHNOLOGY & OTHER SOFT SKILLS FOR TEACHERS

Unit 1 and Unit 2(1, 2 and 3)

One Marks Questions
1. What do you mean by Educational Technology?
2. Define technology.
3. Define educational Technology.
4. What do you mean by ICT?
5. Define ICT.
6. What is a computer?
7. What do you mean by computer?
8. State any two parts of computers.
9. State any two input/output/storage devices.
10. What is Abacus?

Short notes
1. Characteristics of Computer
2. Basic organization of computer
3. Classification of Computers
4. Nature and Characteristics of educational technology
5. Scope of educational technology
6. Benefits of using technology

Three Marks Questions
1. State the importance of ICT.
2. Classify computers according to their memory and speed.
3. What is a computer? Explain its characteristics.
4. Explain the uses of ICT in education.
5. Explain the advantages of the use of ICT in education.
6. State the characteristics of first/second/third/fourth/fifth generations of computer.

Seven Marks Question
1. What do you mean by Educational Technology? Explain the characteristics of educational technology.
2. Define Educational Technology. Explain the nature of educational technology.
3. Discuss the nature and scope of Educational Technology.
4. Define Educational Technology. Explain the nature and scope of educational technology.
5. What do you mean by ICT? State the uses of ICT in education and discuss its advantages.
6. Explain in brief the role of teacher as a presenter, manager, researcher and as a producer, user and provider of instructional materials.
7. Development of educational technology leads to the shift from teacher centeredness to student centeredness vis. a vis. learning. Justify
8. What do you mean by generations of computer? Explain the characteristics of first and second/third and fourth/fourth and fifth generations of computer.
9. Explain basic organization of computer along with its block diagram

Unit 2 (4, 5 and 6) and Unit 3

1. What is an operating system? Why is it necessary for a computer system?
2. List out the various functions normally performed by an operating system.
3. What is a file? What is a file name? Why is it used?
4. Describe the features of the following operating systems:
    - Unix
    - MS- DOS
    - Microsoft Windows
5. What is a computer network? How is it useful?
6. What is a LAN? What are its main features?
7. What is WAN? What are its main features?
8. Differentiate between a LAN and a WAN. Give one example of each.
9. Write short notes on:
    - Star network
    - Ring network
    - Completely Connected Network
    - Multi Access Bus network
10. Define the following:
    - Network topology
    - A computer network
    - Multimedia computer system
11. Define network topologies. Discuss the various network topologies.
12. What is multimedia? Discuss the various components of multimedia by giving suitable examples.
13. State the advantages and limitations of multimedia.
14. Give some examples of multimedia applications in education/ entertainment.
15. What is meant by communication? Discuss the process communication with the help of an example.
16. Explain the features of effective communication. Give examples.
17. 'Effective teachers are essentially effective communicators.' Support the statement.
18. Write short notes on the following:
    - Verbal communication
    - Non verbal communication
    - Written communication
    - Visual communication
19. Explain the barriers to effective communication.
20. Write short notes on the following:
    - Simulation
    - Group discussion
    - Interview