**FUNDAMENTALS OF INFORMATION TECHNOLOGY**

 **Unit I**

2 Mark Questions

1. What is information technology?

2. What are the different types of computer?

3. What is binary number?

4. State the difference between RAM &ROM.

5. Define information.

6. Define technology.

7. Define function.

8. Define word processing.

9. Define bit and byte.

10. Define RAM and ROM.

11. Define memory.

12. What is network? Give few examples.

13. State the difference between data and information.

14. Write the procedure to convert binary number to digital number.

15. Why is ROM necessary?

16. What is DNS?

17 What is LAN?

18. What is MAN?

19. What is WAN?

20. What is Topology?

21. What is Protocol?

22. What is TCP/IP?

5 Mark Questions:

1. Explain anatomy of a computer in detail.

2. Illustrate the information processing cycle.

3. Discuss about types of computer.

4. Discuss about anatomy of computer.

5. Explain the Generationof Computers.

6. Write about RAM and ROM.

7. What is information technology? Explain.

8. Compare hardware and software in detail.

10 Mark Questions:

1. Explain information processing cycle in detail

2. Explain the generation and history of computers.

3. Discuss on ClassificationofDigitalComputer

4.Discuss on AnatomyofDigitalComputer.

**UnitII**

2 Mark Questions

1. What is CPU?

2. Define memory.

3. What are SecondaryStorageDevices?

4. What are InputDevices?

5. What are OutputDevices?

6. Difference between InputDevice & OutputDevice.

7. Define computer storage.

8. What is a primary Device?

9. What are the differences between a primary&SecondaryStorageDevices?

10. Write the name of different computer storage device.

5 Mark Questions

1. Describe the architectureofComputer.

2. Discuss on CPUandMemory.

3. Discuss on SecondaryStorageDevices.

4. Explain about InputDevices/ outputDevices

5. Explain cache memory in detail.

6. What are the differences between Primary&SecondaryStorageDevices?

10 Mark Questions

1. Compare primary memories and secondary memories?

2. Explain any two input devices with the help of diagram?

3. Explain secondary storage devices.

4. Explain the different factors affecting the processing speed of CPU.

**UnitIII**

2 Mark Questions

1. What is software?

2. What is Operating system?

3. What are the three main purposes of an operating system?

4. What are the main differences between operating systems for mainframe computers and personal computers?

5. List the four steps that are necessary to run a program on a completely dedicated machine.

6. Types of networks?

7. What is LAN?

8. What is WAN?

9. What is MAN?

10. Define DataMining?

11. Expand DBMS.

12. What is DBMS?

13. What is database?

14. What are the advantages of DBMS?

15. Describe the three levels of data abstraction?

5 Mark Questions

1. What is DBMS? Explain it?

2. Discuss on the OperatingSystems.

3. Explain the On-lineAnalytical Processing.

4. Describe the three levels of data abstraction? Explain.

5. What is network? Explain its types.

6. List out the advantages of DBMS.

10 Mark Questions

1. What is an operating system? Explain its functions.

2. Explain all the components of operating system.

3. What is File Processing System? Explain.

4. Explain the advantages and disadvantage of DBMS?

**Unit IV**

2 Mark Questions

1. What is computer Network?

2. Expand WWW.

3. Define Internet

4. What is MobileComputing?

5. Compare client and server.

6. Explain any two HTML tags with an example.

7. What are the types of browser?

8. List four facilities provided by Internet through WWW?

9. List the types of computers?

5 Mark Questions

1. Discuss on Internet.

2. What is Mobilecomputing? Discuss.

3. Explain various Internet Protocols.

4. Give a summary on E-mail.

5. Write a short note on WWW.

6. What are the disadvantages of networking?

10 Mark Questions

1. How will you create an HTML page with hyperlink? Explain.

2. Briefly discuss on E-Mail server.

3. What is e-mail? Explain the basic format of an e-mail address.

4. Explain the various types of browsers.

**UnitV**

2 Mark Questions

1. What is multimedia?

2. What are the advantages of multimedia?

3. Compare Local Area Network and Wide Area network.

4. What are bombs &worms?

5. What is computer Virus?

6. Define computer security.

7. What is multimedia server?

8. What is animation?

9. Define video editing.

10. What is server?

5 Mark Questions

1. Discuss on multimedia tools.

2. Write about Video and Audio.

3. Write a note on ComputerSecurity.

4. Write down the advantages of multimedia.

5. Compare Local Area Network and Wide Area network.

6. Discuss on multimedia server.

10 Mark Questions

1. Explain the following multimedia elements:

 (a) Image

 (b) Video.

 (c) Audio

 (d) Text

2. Describe various networking devices.

3. Discuss on Computer Viruses, Bombs and Worms.

4. Discuss on working with MultimediaApplications.