Register No.   Time: 3 Hours
                                                                                   Maximum Marks:100

I. Fill in the blanks. Answer ALL questions.   **(10 x 1 = 10)**

1. EDP stands for _____

2. Data collected from a source is called _____

3. LINUX is an example of _____

4. _____ consists of computer programs that govern the operation of the computer.

5. A _____ is a collection of integrated and related records or files

6. The smallest piece of data used by a computer is the _____

7. A _____ is a small physical structure that displays information or service.

8. A network that links many different types of computers all over the world is called _____

9. FTP stands for _____

10. _____ is a service that allows a user to log in into another computer somewhere on the Internet.

II. Explain briefly. Answer any TEN questions.   **(10 x 4 = 40)**

1. What is Electronic Data Processing? Briefly explain the elements of EDP.

2. Write a short note on Office Automation. Give its importance.

3. What is GIS? Briefly explain.

4. Expand the followings

    a) ASCII   b) HTML   c) SSL   d) TCP/IP

5. Briefly explain Virtual Reality with its importance in IT.

6. What is the difference between Web Browser and Web Server?

7. Briefly explain Search Engine with example.

8. Distinguish between B2B and C2C.

9. Write the differences between Data and Information.

10. What are the functions of Back Office? Briefly explain.

11. What are frames? Briefly explain the tags used to set frames. Write syntax also.

12. What is an HTML Tag? Briefly explain any two HTML tags with syntax.

13. Briefly explain any four conditional statements used in PHP.

III. Answer any FIVE questions. Explain in detail. **(5 x 10 = 50)**

1. Explain the following

   a) DTP   b) HTTP   c) RAM   d) DVD   e) WWW

2. What is HTML? Explain elements in HTML with Syntax and write suitable examples.

3. What is the importance of Multimedia Application in Education? Explain the benefits of Multimedia tools from an Educator's and Student's perspective.

4. What is the difference between JavaScript and Java? Explain the advantages of JavaScript.

5. What is a Web Server?   Explain different types of Web Servers.

6. Briefly explain each of the following:

   a) Data Encryption

   b) Digital Signature

   c) E-Commerce

   d) Electronic Funds Transfer

   e) Online Trading

7. In PHP

   a) What's the difference between the include () and require () functions?

   b) How can we get the IP address of the client?

   c) What is the difference between GET and POST?

   d) What are the construct () and destruct () methods in a PHP class?

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