



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY

(Under Government of Kerala)

CEP EXAMINATION-FEBRUARY 2020

Subject: Introduction to IT

DCA

Register No.

Time: 3 Hours

Maximum Marks:100

I. Fill in the blanks. Answer ALL questions.

(10 × 1 = 10)

1. MIS stands for _____
2. The manipulated and processed form of data is called _____
3. _____ is all about using the computer to make your work less tedious.
4. A _____ is a relational database that is designed for query and analysis rather than for transaction process.
5. A _____ is a repository of data gathered from operational data and other sources.
6. The simplest form of Virtual Reality is _____
7. A collection of documents in organized electronic form available on the Internet or on CDROM is called _____
8. A _____ is a small physical structure that displays information for people walking by.
9. Opera is an example of _____
10. _____ is a standard protocol for securing credit card transaction over insecure networks.

II. Explain briefly. Answer any TEN questions.

(10 × 4 = 40)

1. What is the difference between Data and Information?
2. What is Electronic Data Processing? Name the five elements of EDP.
3. What is Office Automation? Give its advantages.
4. What is Back Office? List out any five functions of back-office.
5. Briefly explain the importance of GIS.
6. What is Virtual Reality? Give its importance.
7. What is a Web Page? Briefly explain the three things required to put a web page on the Internet.
8. Expand a) WWW b) TCP/IP c) URL d) sHTTP
9. What is the difference between Web Browser and Web Server?

10. What is a Search Engine? Give two examples.
11. What are frames? Explain the tags used to set frames, write syntax.
12. Briefly explain the four conditional statements used in PHP.
13. Distinguish between B2B and B2C.

III. Answer any FIVE questions. Explain in detail.

(5 x 10 = 50)

1. What is Batch processing? Explain the disadvantages of Batch Processing.
2. What is the importance of Multimedia Application in Education? Explain the benefits of Multimedia tools from an Educator's and Student's perspective.
3. Explain different types of Web Servers.
4. What is HTML? Explain elements in HTML with Syntax and write suitable example.
5. What is the difference between Java and JavaScript? Explain the advantages of JavaScript.
6. Explain the following
 - a) Naming Rules for variables in PHP
 - b) Concatenation Operator in PHP
 - c) Kinds of arrays in PHP
 - d) PHP functions with syntax
7. Briefly explain each of the following:
 - a) Online Stock Trading
 - b) Electronic Auction
 - c) Digital Signature
 - d) Data Encryption Standards (DES)
 - e) Electronic Funds Transfer
