KERALA STATE RUTRONIX
Fundamentals of Computer, OS & Web Designing
(PDWD)

Time : 2 hours   **Maximum Marks : 100**

Note: Write the answers for Questions from 1 to 30 in the MCQ answer sheet

Part - I Choose the most appropriate answer   **(10 x 1 Mark = 10 Marks)**

1) Which HTML tag can be used to connect different webpages with the help of links?

   a) Anchor tag   b) Comment tag   c) Body tag   d) OL tag

2) How do you write "Hello World" in an alert box in Javascript?

   a) alertBox("Hello World")   b) alert("Hello World")

   c) msgBox("Hello World")   d) alertBox="Hello World"

3) Which HTML element is used to create a click button?

   a) <input>   b) <click>   c) <formtype>   d) <clickbutton>

4) ………………. was developed to enable recording, rewriting and playback of HD videos as well as to store large amount of data.

   a) CD   b) DVD   c) Blue-ray disc   d) None of these

5) ………………. scans a set of vertical bars of different width for specific data.

   a) OMR   b) MICR   c) Bar-Code Reader   d) OCR

6) Which of the following is used for data transmission through telephone lines?

   a) Router   b) Gateway   c) Modem   d) Bridge

7) Which of the following is a unidirectional bus?

   a) Data bus   b) Address bus   c) Control bus   d) Program bus

8) ………………. helps to free up space on hard drive.

   a) Scan disk   b) Disk cleanup   c) Defragmenter   d) None of these

9) Which is not a multi user operating system?

   a) MS DOS   b) LINUX   c) MS WINDOWS   d) MAC OS

10) A private network inside a company or organization is called ……………….

   a) Telnet   b) Extranet   c) Internet   d) Intranet

Part - II Fill in the blanks   **(10 x 1 Mark = 10 Marks)**

11) ………………. is unique address associated with each page on the web.

12) PHP is ………………. side scripting language.

13) ………………. property is used to change the background color in CSS.

14) ………………. HTML tag is used to create unordered list.

15) ………………. is a well known web browser.

16) The typical storage capacity of a DVD optical disk is ……………….

17) A group of signal paths in CPU is called a ……………….

18) Microsoft Word is an example for ………………. software.

19) In a PC, ………………. port is used for networking.

20) ………………. symbol separates username and domain name in an e-mail address.

Part - III State whether true or false   **(10 x 1 Mark = 10 Marks)**

21) The **setcookie** function must appear before the <HTML> tag.

22) PHP allows you to send emails directly from a script.

23) JavaScript can only run on Windows.

24) Hexadecimal value of decimal 34 is CD.

25) Magnetic and optical devices are generally volatile.

26) COBOL is ideally suitable for scientific applications.

27) PCI video cards are capable of a higher data transfer rate than AGP video cards.

28) The larger the number of pixels on a computer screen, the clearer and crisper the screen images are displayed.

29) FireWire is hot-swappable.

30) Temporary results are stored in the secondary memory.

Part - IV Name the following   (5 x 2 Marks = 10 Marks)

31) Any two Impact printers.

32) Any two pointing devices.

33) Any two Main RAM types.

34) Any two High level languages.

35) Any two search engines.

Part - V Match the following   (5 x 1 Mark = 5 Marks)

36) Ada Lovelace	Java
37) Richard Stallman	Father of modern computer
38) Sun Microsystems	Microsoft
39) John Von Neumann	First programmer
40) Bill gates	Free software foundation

Part - VI Expand the following   (5 x 1 Mark = 5 Marks)

41) TIFF   44) JPEG

42) ENIAC   45) LCD

43) UPS

(Part VII, Part VIII എന്നിവയുടെ ഉത്തരങ്ങൾ മലയാളത്തിലും എഴുതാം)

Part – VII Write short notes on (Any Six)   (6 x 5 Marks = 30 Marks)

46) Write the PHP code to print 25 random numbers between 1 and 50.

47) Use of LINK, VLINK and ALINK attributes in an html document.

48) What are the attributes used with <TABLE> tag?

49) Application software.

50) Difference between RAM and ROM.

51) Features of LINUX.

52) Wi-Fi and Bluetooth.

53) Difference between LCD and CRT monitors.

54) Basic Computer Organization with diagram.

55) Mark recognition and Character recognition devices.

Part - VIII Explain the following (Any Two)   (2 x 10 Marks = 20 Marks)

56) Secondary storage devices.

57) What is Internet? Explain how data is transmitted and received via Internet.

58) Explain any five comparison operators in PHP.

59) Briefly explain the different conditional statements and looping statements in PHP with examples.

60) Write a PHP program to read the details from a webpage as shown in figure and to insert the details into a database.