



## Sample Paper

Course : CWT(PHP) Version-II

Duration : 03:00 Hours

Maximum Marks : 180

Note:

- Attempt all questions in Section A-(2 marks each)
- All questions are compulsory in Section B-(5 marks each). However, out of 12 questions 6 questions will have additional questions as internal choices.
- All questions are compulsory in Section C-(15 marks each). However, out of 4 questions 2 questions will have additional questions as internal choices.

### Section A

**Q1.** A cryptographic technique that uses one common key for both encryption and decryption is called \_\_\_\_\_

- a) Asymmetric encryption
- b) All of the above
- c) Symmetric encryption
- d) Hashing

**Q2.** Identify the Figma tool used for creating precise vector shapes and paths using anchor points?

- a) Slice tool
- b) Pencil tool
- c) Frame tool
- d) Pen tool

**Q3.** XML is a software and hardware dependent tool for carrying information.

- a) True
- b) False

**Q4.** Text styling feature of Ms Word is

- a) WordArt
- b) WordFont
- c) WordFill
- d) WordColor

**Q5.** Microprocessor of computer is also considered as heart of computer.

- a) False
- b) True

**Q6.** When you need to obtain the ASCII value of a character which of the following function you apply in PHP?

- a) chr( )
- b) val( )
- c) ord( )
- d) asc( )

**Q7.** What tool is used to view the spacing structure of CSS elements, including margin, border, and padding?

- a) CSS Layout Box Mode
- b) Layer Outline
- c) CSS Layout Outlines
- d) CSS Background Layout Background

**Q8.** Which JavaScript statement is used to show the message "hello" in an alert box?

- a) msgbox("hello");
- b) msg("hello");
- c) alertbox("hello");
- d) alert("hello");

**Q9.** Which PHP function is used to fetch a single row of data from a result set?

- a) mysqli\_fetch\_assoc()
- b) fetch\_data()
- c) mysqli\_get\_row()
- d) mysql\_read()

**Q10.** An XML document that follows all the required syntax rules is called \_\_\_\_\_

- a) Well formed
- b) Well parametarized
- c) None of the options
- d) Mature

**Q11.** Which file type you can add in a PowerPoint slide?

- a) .wav
- b) .jpeg
- c) .gif
- d) All of the options

**Q12.** Who provides Drive, Docs & Meet together?

- a) Printed Copy
- b) Google Workspace
- c) Notepad
- d) Floppy

**Q13.** Employability skills are only relevant for securing a job, not for maintaining or advancing in one.

- a) False
- b) True

**Q14.** KYC stands for \_\_\_\_\_.

- a) Keep Your Customer
- b) Know Your Credibility
- c) Know Your Clients
- d) Know Your customer

**Q15.** Identify the correct meaning of a Flexible Layout in modern UI/UX design?

- a) A layout that allows users to change the source code
- b) A layout that adjusts itself based on screen size
- c) A layout that only works on tablet-sized devices
- d) A layout that changes its color every few seconds

**Q16.** Any subprogram not in the package specification but coded in the package body is called a private object.

- a) True
- b) False

**Q17.** Which of the following is the container for <tr>, <th>, and <td>?

- a) None of the options
- b) <Group>
- c) <Data>
- d) <Table>

**Q18.** PHP is an abbreviation for \_\_\_\_\_.

- a) Hypertext Processor
- b) Hypertext Preprocessor
- c) Hyper Markup Processor
- d) Hyper Markup Preprocessor

**Q19.** Which type of language is used to create the structure of web pages using HTML?

- a) Scripting Language
- b) Network Protocol
- c) Markup Language
- d) Programming Language

**Q20.** What is the primary goal of customer service?

- a) Meeting customer needs and satisfaction
- b) Minimizing costs
- c) Maximizing profits
- d) Expanding market share

**Q21.** Which operator is used for string concatenation in PHP?

- a) &
- b) + (plus)
- c) . (dot)
- d) \* (Asterisk)

**Q22.** In React JS, the entire web page reloads every time a user interacts with a button.

- a) False
- b) True

**Q23.** A word processor is a software package that helps to create document.

- a) False
- b) True

**Q24.** Internet explorer is an example of

- a) Search engine
- b) Web browser
- c) Webpage
- d) Master Page

**Q25.** Which SQL command is used to eliminate duplicate values from query results?

- a) DIFFERENT
- b) UNIQUE
- c) DISTINGUISH
- d) DISTINCT

**Q26.** PHP is case-insensitive.

- a) False
- b) True

**Q27.** Financial tools and services help people manage their finances and accomplish both short-term and long-term goals.

- a) False
- b) True

**Q28.** Which of the following jQuery method is used to delete all child elements of a selected element?

- a) removeChilds()
- b) removeChildren()
- c) deleteChildren()
- d) empty()

**Q29.** A computer menu consists of a group of icons used to access different functions.

- a) False
- b) True

**Q30.** PHP allows variables to be declared with explicit data types.

- a) False
- b) True

## Section B

**Q1.** Write a short note on HTML.

**Q2.** Explain the advantage of XML.? How you define XML entity?

**Q3.** Explain the use of excel in day today activities?

**OR**

a) What are animation and transition effects? Explain their importance in PowerPoint presentations?

b) Explain different types of view in PowerPoint?

**Q4.** Explain the following:

a) Page Layout      b) Zoom

**OR**

Describe the role of Google Forms in feedback collection and explain its importance?

**Q5.** Explain the terms:

a) CD   b) Data   c) Resolution   d) DVD   e) Keyboard

**Q6.** Explain how margin, border, and padding are arranged in the CSS box model?

**Q7.** Explain the process of inserting data into a MySQL database using PHP?

**OR**

Explain how to connect PHP with a database and execute SQL statements?

**Q8.** Discuss the importance of writing messages and documents clearly and accurately in a professional setting?

**Q9.** What is the disadvantages of jQuery?

**Q10.** What is the purpose of the ORDER BY clause in SQL? Explain with an example?

**OR**

Explain the use of GROUP BY with aggregate functions in SQL with the help of an example?

**Q11.** What are the commonly available PHP libraries for implementing SOAP-based services?

**OR**

Explain how client-side scripts and server-side scripts work differently in web applications?

**Q12.** Describe the method for finding the pixel distance between two objects in Figma with the help of the Alt/Option key?

**OR**

Explain the drawbacks of excessive memory and resource usage in complex web application frameworks?

## Section C

Q1.

| A | B          | C             | D    |
|---|------------|---------------|------|
| # | Product_ID | Product_Price | Sale |
| 1 | 101        | 400           | 10   |
| 2 | 102        | 700           | 20   |
| 3 | 103        | 125           | 15   |
| 4 | 104        | 600           | 25   |
| 5 | 105        | 250           | 05   |

Calculate the following using formula with cell reference

- Count the number of products with a sale greater than or equal to 15.
- Calculate the total of Product\_Price for products whose prices fall between 200 and 500.
- Find the average of even Product\_Price for the given products.

Q2. Write a program in JavaScript to find the sum of positive numbers in an array.

OR

Write a program in JavaScript to find the largest number in an array.

Q3.

a) Write a query to create a table named **Products** with attributes: **Product\_ID**, **Product\_Name**, **Category**, **Price**. Set **Product\_ID** as **Primary Key**.

b) Insert at least three records into the table. Use the following sample data:

| Product_ID | Product_Name   | Category    | Price    |
|------------|----------------|-------------|----------|
| 1          | Laptop         | Electronics | 55000.00 |
| 2          | Office Chair   | Furniture   | 4500.00  |
| 3          | Wireless Mouse | Electronics | 1200.00  |

c) Write a query to select all records from the **Products** table where the **Category** is Electronics.

d) Write an SQL query to delete the record from the **Products** table where the **Price** is greater than **50000.00**.



**Q4.** Write a PHP program with MySQL to create a table named employees in the companydb database with columns emp\_id, emp\_name, and salary.

**OR**

Write a PHP program with MySQL to validate the username and password fields before inserting them into the login\_users table in the companydb database.

