

# **Question Bank**

**PHP**

**BCA III - Paper code 306**

**Session 2023-24**

1. Differentiate between client side and server side scripting language
2. What is PHP?
3. Explain the features of PHP.
4. State the difference between echo command and print command in PHP
5. State the difference between \$ and \$\$.
6. State difference between Entry control and Exit control Loop.
7. Define Arrays in PHP.
8. State the use of substr() in PHP
9. Write a short note on evolution of PHP
10. Differentiate between PHP, HTML, and JavaScript.
11. What are the key differences between PHP 5 and PHP 7
12. Explain PHP tags and their types.
13. What are the different types of variables in PHP?
14. Explain various features of PHP.
15. Write differences between client-side scripting and server side scripting language.
16. Describe control flow statement in PHP.
17. State the use of Index Array with example and PHP code.
18. Explain operators in PHP.
19. Describe PHP's data types and their usage.
20. What are the differences between include, include\_once, require, and require\_once in PHP?

- 21.Explain the concept of namespaces in PHP.
- 22.What is Object-Oriented Programming (OOP) in PHP?Security and Best Practices:
- 23.What are some best practices to prevent security vulnerabilities in PHP?
- 24.Explain the significance of escaping output in PHP.Error Handling and Debugging:
- 25.How does PHP handle errors and exceptions?
- 26.What are PHP magic methods? Give examples.
- 27.How can you optimize PHP scripts for better performance?
- 28.Explain Scalar Data Types in PHP.
- 29.Differentiate between Integer and Float data types in PHP.
- 30.Describe the String data type in PHP.
- 31.Explain the Array data type in PHP.
- 32.Discuss the properties and characteristics of PHP's Object data type.
- 33.What is the difference between an Array and an Object in PHP?
- 34.Describe the Boolean data type in PHP.
- 35.Explain the Null data type in PHP.
- 36.What is type juggling in PHP?
- 37.Explain variables ,constant in PHP with code
- 38.What is associative array in PHP? How it is different from a Multidimensional Array in PHP
- 39.How can you perform type casting in PHP?
- 40.Discuss the role of variables and their relation to data types in PHP.
- 41.Explain the concept of variable variables in PHP.
- 42.Discuss some essential functions for working with data types in PHP.
- 43.How can you determine the data type of a variable in PHP?
- 44.What is an array in PHP?
- 45.Differentiate between indexed and associative arrays in PHP.

46. Discuss multidimensional arrays in PHP.
47. Explain the process of adding elements to an array (array\_push vs. square bracket notation).
48. How do you access elements in an array in PHP?
49. Describe the array\_merge function in PHP.
50. Explain the usage of array\_pop and array\_shift functions in PHP.
51. Discuss the array\_key\_exists function in PHP.
52. Explain the array\_slice function in PHP.
53. How do you sort an array in PHP?
54. Discuss the array\_search function in PHP.
55. Explain the foreach loop and its usage with arrays in PHP.
56. How can you use array\_map in PHP?
57. What happens when you attempt to access an array element that doesn't exist in PHP?
58. What are the possible issues you might face with large arrays in PHP?
59. What is a function in PHP?
60. Differentiate between user-defined functions and built-in functions in PHP.
61. Explain the role and significance of return statements in PHP functions.
62. What is the syntax for declaring a function in PHP?.
63. Discuss the ways to invoke or call a function in PHP.
64. Can a function return multiple values in PHP? If so, how?
65. Explain the difference between parameters and arguments in PHP functions.
66. What are default arguments in PHP functions?
67. How can you create variable-length argument lists (variadic functions) in PHP?.
68. Discuss variable scope in PHP functions.
69. Explain the 'global' keyword in PHP functions.

- 70.What is a recursive function in PHP? Provide an example.
- 71.What are the potential issues with recursive functions in PHP?
- 72.Explain what anonymous functions (closures) are in PHP.
- 73.What is the use of the 'use' keyword in PHP closures?
- 74.1 Explain scope of variables.
- 75.Q.2 Explain conditional assignment operators.
- 76.Q.3 What is difference between while and do while loop?
- 77.Q4 Explain for each loop.
- 78.Q.5 What is an Index Array?
- 79.Q.6 What is Associative Array
- 80.Long Answer Type Questions
- 81.Q.1 Explain different data types in PHP.
- 82.Q.2 Describe various types of operators in PHP.
- 83.Q.3 Explain Switch Statement with an example.
- 84.Q4 Explain different types of loop in PHP.
- 85.Q.5 Discuss various array functions in detail.
- 86.Very Short Answer Type Questions
- 87.Q.1 What is String ?
- 88.Q.2 Define Single quoted string.
- 89.Q.3 Discuss Double quoted string.
- 90.Q.4 What is Heredoc ?
- 91.Q.5 What Nowdoc?
- 92.Q.6 What is function ?
- 93.short Answer Type Questions
- 94.Q.1 What is difference between sprintf() and printf() functions in PHP?
- 95.Q.2 Explain preg\_match and preg\_replace function.
- 96.Q.3 What is POSIX Regular function?

- 97.Q.4 Explain advantages of Regular expression.
- 98.Q.5 Explain call by value and call by reference functions
- 99.Long Answer Type Questions
100. Q1 Explain different types of String function.
101. Q2 Explain various format specifiers.
102. Q3 What is Regression Function? Explain in detail.
103. Q4 Discuss various string Library functions
104. Q5 Explain Parameterized and Recursive Functions.
105. Very Short Answer Type Questions
106. Q.1 What is Form in PHP ?
107. Q2 Define syntax of setcookies() function.
108. Q.3 Discuss session\_start() function.
109. Q.4 What is json\_encode() function?
110. Q.5 What is Exception in PHP ?
111. Short Answer Type Questions
112. What is difference between GET and POST method?
113. What are Cookies in PHP.
114. How will you start a session in PHP ?
115. How will you validate IP address by using Filters
116. What is difference between Errors and Exception.
117. Explain GET and POST method in PHP
118. How will you create, delete and modify a cookie.
119. What is session ? How will you start and destroy a session?
120. Explain Try, Catch and Throw in Exception Handling.
121. What is file\_put\_contents() function ?
122. Define unlink() function.
123. Discuss feof() function.

124. What is MySQL?
125. What is ODBC?
126. What is file handling in PHP?
127. Explain fwrite() function in PHP.
128. What is include() function?
129. Explain require() function.
130. Write down syntax to create a table.
131. How will you open a file in different modes.
132. Describe fread(), fgets() and fgetc() function in file handling.
133. How will you append text file in file operations.
134. How will you establish a connection to MySQL database.
135. How will Insert, delete and append a record in table.
136. Write a program to print "Hello World" using Echo.