

2. Answer the following questions : (any four)  
Total number of printed pages-3

44 (4) BCA-SE-4034

2024

## ADVANCED WEB TECHNOLOGY

Paper : BCA-SE-4034

Full Marks : 50

Time : Two hours

**The figures in the margin indicate full marks for the questions.**

1. Answer the following questions : 1×5=5
- What is the full form of PHP ?
  - What do you mean by CRUD ?
  - "PHP is a server side scripting language." State true or false.
  - What is the use of isset() function in PHP ?
  - What do you mean by JDBC ?

Contd.

2. Answer the following questions : **(any four)**  
2×4=8

- (a) What is servlet in JSP ?
- (b) Write the basic syntax of nested if-else statement in PHP with example.
- (c) Why JavaScript is called client side scripting language ?
- (d) Write *two* differences between XML and HTML.
- (e) What are the differences between static and dynamic web page ?
- (f) Write *two* characteristics of JSON.

3. Answer the following questions : **(any four)**  
3×4=12

- (a) Write the difference between GET and POST method.
- (b) Write the application of JSP.
- (c) Write the advantages of JavaScript.
- (d) What is XML ? Explain.
- (e) What are the advantages of using AJAX in a web page ?
- (f) Write about the components of MVC.

4. Answer the following questions : **(any five)**  
5×5=25

- (a) Write PHP code to connect MySQL database using MySQL interface.
  - (b) Briefly explain about the Java programming language.
  - (c) What is JavaScript ? Why it is used ? Write the advantages of JavaScript.
  - (d) Briefly explain about JDBC and ODBC in linking database.
  - (e) What is EJB ? What are the different types of EJB ?
  - (f) What is JSON ? Where it is used ? Write the characteristics of JSON.
  - (g) How can we write HTML code in PHP ? Explain with example.
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