

THREE YEAR B.Sc. DEGREE EXAMINATION, JANUARY - 2024

CHOICE BASED CREDIT SYSTEM

FIFTH SEMESTER

PART - II : COMPUTER SCIENCES

**PAPER-7A: WEB APPLICATIONS DEVELOPMENT USING PHP AND
MYSQL**

(Under CBCS New Regulation w.e.f. the academic year 2022-23)

Time : 3 Hours

Max. Marks : 75

NOTE: This question paper contains two parts A and B.

Part A is compulsory and Carries **25** marks. Answer any **Five** of the following questions. in Part A.

Part B consists of 5 units. Answer one full question (a or b) from each unit (i.e., Q. No. 9 from Unit - I, Q. No. 10 from Unit - II, Q.No. 11 from Unit - III, Q.No. 12 from Unit - IV, Q. No. 13 from Unit - V). Each question carries **10** marks.

PART - A

Answer any FIVE of the following questions. Each question carries equal marks.

(5 × 5 = 25)

1. List the functions of PHP script
2. Describe various PHP functions to sort an array
3. How to create an array using assignment statement?
4. Write in brief about access modifiers
5. What is method overloading?
6. Write short notes on reflection
7. Define client server database
8. List the date and time functions of MYSQL

PART - B

Answer All the questions. Each Question carries equal marks.

(5×10=50)

Unit - I

9. a) What are the steps involved in creating a first PHP script?

(OR)

- b) List the flow control functions that are used to search the strings.

Unit - II

10. a) Explain about Arrays in detail with examples.

(OR)

- b) Write about formatting strings with PHP.

Unit - III

11. a) Explain how to create forms?

(OR)

- b) Explain how to create cookies?

Unit - IV

12. a) Explain file handling in PHP

(OR)

- b) Explain reading and writing the binary data in a file.

Unit - V

13. a) Explain the basics of connecting and retrieving data from MYSQL using PHP

(OR)

- b) How to manipulate MYSQL data with PHP?

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CHOICE BASED CREDIT SYSTEM

FIFTH SEMESTER

PART - II : COMPUTER SCIENCES

PAPER - 6A : WEB INTERFACE DESIGNING TECHNOLOGIES

(Under CBCS New Regulation w.e.f. the academic year 2022-23)

Time : 3 Hours

Max. Marks : 75

Note: This question paper contains two parts A and B.

Part A is compulsory which Carries **25** marks. Answer any **FIVE** of the following questions. in Part A.

Part B consists of **5** units. Answer **one** full question (a or b) from **each** unit (i.e., Q. No. **9** from Unit - I, Q. No. **10** from Unit - II, Q.No. **11** from Unit - III, Q.No. **12** from Unit - IV, Q. No. **13** from Unit - V). Each question carries **10** marks.

PART - A

Answer any **FIVE** of the following questions. Each question carries **equal** marks. (**5×5=25**)

1. Explain the difference between web applications and desktop applications.
2. What is the role of HTML elements?
3. Describe two different input types in HTML and provide use cases for each.
4. List three new features introduced in HTML5.
5. Define Javascript and explain its role in web development.
6. Outline the basic steps for installing WordPress on a local server.
7. Explain how to set a featured image for a post or page?
8. Describe two methods for adding external links in WordPress content.

PART - B

Answer **All** the questions. Each question carries **equal** marks.

(5×10=50)

Unit - I

9. a) Explain the role of forms in HTML, detailing the essential form elements and their attributes.

(OR)

- b) Define semantic HTML. and provide examples of semantic elements.

Unit - II

10. a) Compare and contrast the use of the element and the CSS **background image**.
(OR)
b) Discuss the advantages of using Flex box in CSS for layout design.

Unit - III

11. a) Explain the purpose of exception handling in Javascript. Give examples of using **try**, **catch**, and **finally** blocks in handling exceptions.
(OR)
b) Describe how DHTML can be used to create interactive navigation menus.

Unit - IV

12. a) Explain how the WordPress editor is used for creating and editing content.
(OR)
b) Discuss the importance of proper media management in a WordPress site.

Unit - V

13. a) Discuss the role of CSS in customizing the appearance of a WordPress site.
(OR)
b) Describe the process of creating a custom page template in WordPress.
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