

B.C.A. (Pt.-I)

Web. Appl. Deve.

105

B.C.A. (Part-I) Examination, 2023

(Faculty of Science)

(Three Year Scheme of 10+2+3 Pattern)

Web Application Development

Paper : 105

Time Allowed : 3 Hours

Maximum Marks : 100

Answer of all the questions (Short answer as well as are to be given in the main answer-book only. Answers of short answer type questions must be given in sequential order. Similarly all the parts of one question of descriptive part should be answered at one place in the answer-book. One complete question should not be answered at different places in the answer-book.

Write your roll number on question paper before you start writing answers of questions.

Question paper consists of **Three** parts.

All Three parts are **Compulsory**

PART-I: (Very short answer) consists of 10 questions of 2 marks each. Maximum limit for each question is up to 40 words.

PART-II: (Short answer) consists of 5 questions of 4 marks each, Maximum limit for each question is up to 80 words.

PART-III: (Long answer) consists of 5 questions of 12 marks each with one question from each unit with internal choices.

PART-I

1. Very short questions Attempt all: 10×2=20
- (a) What do you understand by WWW?
 - (b) What is blocking system?
 - (c) What is an Anchor tag in HTML?
 - (d) What are tags and Attributes?
 - (e) What is CSS? What is the main purpose of using CSS?
 - (f) What is Joomla?

- (g) Define scripting Language and it's type.
- (h) Write the syntax of switch statement in Java Script.
- (i) What do you mean by program modules in JavaScript?
- (j) Explain JavaScript object model.

PART-II

Short questions Attempt all :

5×4=20

- 2. Describe TELNET and USENET.
- 3. What is HTML Iframes? Write its syntax and explain attributes (src, name, width and height) with their description.
- 4. Explain the term "Banks of CMS".
- 5. Explain Prompt Box and Alert Box in JavaScript with example.
- 6. What are browser objects?

PART-III

Attempt all by taking internal choice :

- 7. Write short notes on the following :

4×3=12

- | | |
|------------|------------------|
| (a) Gopher | (b) Proxy Server |
| (c) SMTP | (d) TCP/IP |

Or

Write short notes on the following :

4×3=12

- | | |
|--------------|--------------------------|
| (a) HTTP | (b) Features of Internet |
| (c) Firewall | (d) Data Security |

8. What is LIST in HTML? Explain all types of LIST with syntax and examples.

Or

(a) What is tag? Explain its color, size and face properties with example. 4

(b) Write HTML code to draw this table. 6

		Sugar	Tea	Deodorant
	January	2300	2100	2400
Quarter 1	February	4215	1250	3200
	March	3340	4210	3149

(c) Explain IMG tag. 2

9. What do you mean by style sheets? Explain the parts of the style rule' How many ways are there to write CSS in HTML file? <https://www.uoronline.com> 1+2+9=12

Or

(a) What is Bootstrap? What are the advantages of using Bootstrap? 4

(b) What is CMS? Explain its Benefits and types. 8

10. Explain all these control statements given below, with syntax and examples.

(a) If-Else

(b) Do-While

(c) While

(d) For

(e) For-in

(f) With

Or

(a) Write a script that accepts a number in text box and calculate factorial of that number when user clicks on a button. 8

(b) What is the difference between Java and JavaScript? 4

11. (a) What do you mean by arrays? How many types of arrays, write their syntaxes? Explain concat(), reverse(), slice() and sort() methods with example. 1+2+4=7

P.T.O.

- (b) Write a program to validate the name and password field on click of "Register" Button, where name field can't be blank and password can't be less than 6 characters long. 5

Name :

Password:

Or

What do you understand by cookies? How will you create, read and delete a cookie using JavaScript? 12

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