

S.No. : 188

BCA2502

No. of Printed Pages : 04

Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 21152	Roll No.																			
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BCA Examination 2018-19

(Fifth Semester)

WEB APPLICATION DEVELOPMENT

Time : Three Hours]

[Maximum Marks : 60

Note : Attempt all questions.

SECTION 'A'

1. Attempt all parts of the following : $1 \times 8 = 8$
- What are differences between DHTML and HTML?
 - Briefly discuss the history of web.
 - What is hypertext link in HTML?
 - What are the advantages of inline styles?
 - Discuss the text formatting tages in HTML.

[P. T. O.

- (f) How will you create and open a JSP-file?
- (g) How do you create functions in Java-script?
- (h) What are the steps required for a JSP request?.

SECTION 'B'

Note : Attempt any two parts of the following : $6 \times 2 = 12$

2. (a) Discuss the HTML lists. How many types of lists presents in HTML? Describe all the lists with the help of an example.
- (b) Discuss the concepts of classes in CSS and what is the role of span tag in CSS explore with the help of an example.
- (c) Describe the array object in Java-script also discuss the main methods and properties of an array with the help of an example.
- (d) Compare and contrast various types of styles sheets.

SECTION 'C'

Note : Attempt all question from this section. Attempt any two question : $8 \times 5 = 40$

3. (a) Design a HTML page and write Java-script codes to check whether the entered number is prime or not.
 - (b) Design a HTML page and describing your academic career. The page will tell about the degree, institution and your address.
 - (c) What is a JSP custom tag and what are the components does it have? When should you use the custom tag?
4. Attempt any two question :
 - (a) Explain the TCP/IP protocol suite.
 - (b) Design a table in HTML. What's are different table tags? Differentiate between Col.
 - (c) What is DHTML? Discuss the different components of DHTML. What are benefits of using CSS?
 5. Attempt any two question :
 - (a) What is switch statement in java-script? Demonstrate switch statement with the help of suitable example.

[P. T. O.]

- (b) What are JSP Directives? Explain the page directives with their attributes in detail.
- (c) Write short notes on any two of the following :
 - (i) Evolution of internet
 - (ii) Scriptlet tag in JSP
 - (iii) JSP sessions

6. Attempt any two questions :

- (a) What are the various built-in objects in JavaScript? Explain in detail the string functions.
- (b) Create a HTML form that has a number of textboxes. When the form runs in the browser fill the text boxes with data. Write JavaScript code that verifies all textboxes have been filled. If a textbox has been left empty, popup an alert. When the alert's Ok button is clicked on, set focus to that specific textbox.
- (c) Describe the main difference between post and get methods in JSP. What are the steps required for a JSP request object?

