

This question paper contains 4 printed pages.

Roll No. 5802338

UG0801

BCA-51T-103

Three/Four Year B.C.A. (Semester I) Examination, December - 2024

(Faculty of Science)

Subject-BCA

Web Application Development

Time Allowed : Three Hours

Maximum Marks: 80

समय : तीन घंटे

अधिकतम अंक : 80

No supplementary answer-book will be given to any candidate. The candidates should write the answer precisely in the main answer-book only.

किसी भी परीक्षार्थी को पूरक उत्तर-पुस्तिका नहीं दी जायेगी। परीक्षार्थियों को समस्त प्रश्नों के उत्तर मुख्य उत्तर पुस्तिका में ही लिखने चाहिए।

Answers to short answer-type questions must be given in sequential order. Similarly, all the parts of one question of descriptive part should be answered in one place in the answer-book.

लघुत्तरात्मक प्रश्नों के उत्तर प्रश्नों के क्रमानुसार ही दें। इसी प्रकार किसी भी एक वर्णनात्मक प्रश्न के अन्तर्गत पूछे गए विभिन्न प्रश्नों के उत्तर उत्तर-पुस्तिका में एक ही स्थान पर क्रमानुसार हल करने चाहिए।

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

प्रश्नों के उत्तर लिखने से पूर्व प्रश्न-पत्र पर रोल नम्बर अवश्य लिखें।

**Note:-** Question paper consists of two parts A and B.

प्रश्न पत्र में दो भाग अ और ब होंगे।

**Part-A: 20 marks भाग-अ: 20 अंक**

Part A is compulsory having 10 very short answer-type questions (with a limit of 20 words) of two marks each. The first question is based on knowledge, understanding, and applications of the topics/text covered in the syllabus.

भाग अ में दो अंक के 10 अति लघु उत्तरीय प्रश्न (20 शब्दों की सीमा के साथ) अनिवार्य हैं। पहला प्रश्न पाठ्यक्रम में शामिल विषयों/पाठ के ज्ञान, समझ और अनुप्रयोगों पर आधारित है।

**Part-B: 60 marks भाग-ब: 60 अंक**

Part B of the question paper is divided into four units comprising question number 2-5. There is one descriptive question from each unit with internal choice. Each question will carry 15 marks.

प्रश्न पत्र का भाग ब प्रश्न संख्या 2-5 सहित चार इकाइयों में विभाजित है। प्रत्येक इकाई से आंतरिक विकल्प के साथ एक वर्णनात्मक प्रश्न है। प्रत्येक प्रश्न 15 अंक का है।



## Part-A

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1. Give short answer to the following:

[2×10=20]

- (a) What is Internet?
- (b) Define the term Web.
- (c) What is SMTP?
- (d) Differentiate between `<p>` and `<pre>` tag in HTML?
- (e) Define `<IMG>` tag with its attributes.
- (f) What is CSS? Write syntax of add External CSS.
- (g) Define Grid property in CSS.
- (h) Define Java Script variable keywords.
- (i) Define the Prompt and Confirm dialog box.
- (j) What is Role of Events in JavaScript?

## Part-B

2. What is need of Web Security and Privacy? Explain Firewall and its types in details.

[15]

OR



Write the short notes on:

[5×3=15]

(a) Telnet

(b) Usenet

(c) Wais

3. What is Website? Write the difference between Static and Dynamic Website. Also write the steps of publishing a site.

[15]

OR

- (a) What is HTML Form? Difference between POST and GET Method. Explain any 10 input types's used to design a webpage.

[10]

- (b) What is List? Explain Un Order and Order List in HTML.

[5]

4. Differentiate between Internal CSS and Inline CSS? Also describe role of CSS selector and various types of selectors use in CSS. (Any five selectors with example).

[15]

OR

Explain following CSS Property with suitable example

[5×3=15]

(a) Border

(b) Background

(c) Text



5. What is Conditional Statements? Explain various Conditional Statements use in JavaScript. [15]

**OR**

What is DOM? Explain various types of Document Object Method. Also write a sample program to illustrate the login Form Validations using DOM. [15]

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