

A-1273

Total Pages : 4

Roll No.

BCA-19

Bachelor of Computer Application (BCA)

Web Technology

Examination February, 2026

Time : 2:00 Hrs.

Max. Marks : 70

Note :- This paper is of Seventy (70) marks divided into Two (02) Sections 'A' and 'B'. Attempt the questions contained in these Sections according to the detailed instructions given therein. *Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

Section-A

Long Answer Type Questions (2×19=38)

Note :- Section 'A' contains Five (05) Long-answer type questions of Nineteen (19) marks each. Learners are required to answer any *two* (02) questions only.

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(1)

P.T.O.

1. Explain the basic structure and working of the Internet and the World Wide Web. Discuss different types of web pages Static, Dynamic, and Active pages with suitable examples. Also explain commonly used Internet protocols such as SMTP, Telnet, Gopher, SNMP, TFTP, and HTTP.
2. What is a Web Client and a Web Server ? Explain the architecture of a Web Server. Describe in detail browsers like Netscape Navigator, Internet Explorer, and Mozilla Firefox, Also write notes on Client-Side Scripting Languages : VB Script and JavaScript.
3. Explain the essential HTML tags and attributes with examples. Discuss hyperlinks, anchors, URLs, image tags, lists, frames, forms, and style sheets. Illustrate with suitable HTML code snippets.
4. Define DHTML. Explain DOM, CSSP, JSSS, Netscape Layers, the ID attribute, and various DHTML events. Discuss how DHTML enhances interactivity in web pages.

5. Describe the basic programming concepts of PHP including variables, data types, operators, control structures, looping, functions, arrays, and working with forms. Explain file uploading in PHP with an example.

Section–B

Short Answer Type Questions (4×8=32)

Note :- Section 'B' contains Eight (08) Short-answer type questions of Eight (08) marks each. Learners are required to answer any *four* (04) questions only.

1. What is a Home Page ? How is it different from a Website and a Web Page ?
2. Explain the concepts of CGI, API, DEC and ODBC in context of Web Server and Database Connectivity.
3. Write short notes on the following :
 - (a) MARQUEE tag
 - (b) DIV tag
 - (c) NOBR
 - (d) Hypermedia

4. What are DHTML Events ? Explain any *four* events with examples.
5. Explain JavaScript data types, literals and type casting with examples.
6. What are CSS Positioning methods (CSSP) ? Explain absolute and relative positioning.
7. Write a short note on PHP Server Variables and any *four* commonly used string functions in PHP.
8. Explain Dialog Boxes in JavaScript :
 - (a) alert()
 - (b) confirm(),
 - (c) prompt() with examples
