

Roll No. : .....

Total No. of Questions : 11 ]

[ Total No. of Printed Pages : 3

# **BC-286**

**B.C.A. (Part-II) Examination, 2022**

**INTERNET PROGRAMMING**

Paper - BCA-204

*Time : 3 Hours ]*

*[ Maximum Marks : 70*

**Section-A**

**(Marks : 2 × 10 = 20)**

*Note :-* Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

**Section-B**

**(Marks : 4 × 5 = 20)**

*Note :-* Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **4** marks.

**Section-C**

**(Marks : 10 × 3 = 30)**

*Note :-* Answer any *three* questions out of five (Answer limit **500** words). Each question carries **10** marks.

**Section-A**

1. (i) Explain the working of DNS.
- (ii) What is the difference between forwarding and replying a message.
- (iii) What is a Search Engine ?
- (iv) What is a Web Server ?

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- (v) What is the difference between physical inline element and logical inline element ?
- (vi) What are the various types of lists available in HTML ?
- (vii) Compare inline and embedded style sheets.
- (viii) What are pseudo-elements in CSS ?
- (ix) What actions can be performed with the help of JavaScript ?
- (x) What is the use of <NOSCRIPT> element ?

**Section-B**

2. Discuss how MIME extends the functionality of SMTP.

*Or*

Write short note on mailing list.

3. Explain the architecture of web browser with the help of an example.

*Or*

What is Anonymous FTP ? Explain the working of FTP in a client-server approach.

4. With the help of HTML code explain COLSPAN and ROWSPAN attributes.

*Or*

What is a Frame ? How does it differ from table ? Explain with a suitable example.

5. Differentiate between ID selector and CLASS selector.

*Or*

Explain background properties in CSS.

6. With the help of an example explain For-IN loop.

*Or*

With the help of an example explain pop-up boxes in JavaScript.

### Section–C

7. Explain the working of e-mail and its protocols.
8. Write down the steps for publishing, updating and maintaining your contents on web.
9. What are Hyperlinks ? How will you handle the following kind of links in your website ?
  - (i) Link to different webpages on the current website.
  - (ii) Link to different parts within the current webpage.
  - (iii) Link to webpages on different websites.
10. Create the following rules and apply to all your webpages in your website :
  - (i) Paragraph's text with  

{Font : courier, font-style : italic, font-size : 20 pt}
  - (ii) Align text to center with word spacing of 20 px and color red.
11. Write short notes on the following :
  - (i) JS events
  - (ii) JS objects