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B.C.A. (Part - II) EXAMINATION, 2021

(Faculty of Science)

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

WEB DESIGNING AND MULTIMEDIA

Time Allowed : Three Hours

Maximum Marks : 100

No supplementary answer-book will be given to any candidate. Hence the candidates should write the answer precisely in the main answer-book only. All the parts of one question 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 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 **two** marks each. Maximum limit for each question is upto **40** words.

**Part - II :** (Short answer) consists of **5** questions of **four** marks each with one question from each unit. Maximum limit for each question is upto **80** words.

**Part - III :** (Long answer) consists of **5** questions of **twelve** marks each with one question from each unit with an internal choice.

PART - I

1. Answer **all** these following questions. Each question carries **equal** marks.

2x10=20

- What is Web Page ?
- What is the role of Web Browser ?
- Differentiate between HTML elements and Tags.
- What is the role of FORM in HTML ?
- How can you refer to CSS file in Web Page ?
- Explain IFrame.
- What do you mean by JQuery ?
- What is AJAX ?
- How filling a selection with color in Photoshop ?
- Listout any 2 important tools of Coraldraw.

PART - II

2. Attempt **all** questions. Each question carries **equal** marks.

4x5=20

- What is the use of Plug-Ins in Web ?
- How to link an image, a website url and e-mail address within a web page ? Explain.
- Explain the elements of Stylesheets.
- Explain how JavaScript working with variables and data functions.
- Differentiate between vector image and raster image.

**PART - III**

3. (a) Explain Web security and Privacy issues in detail. 7  
(b) Explain playing streaming Audio and Video. 5  
**OR**
- Write short notes : **3x4=12**  
(a) Search Engine  
(b) News and Chat  
(c) Use of Web Resources in Health and Medicine
4. Explain the following with suitable example. **3x4=12**  
(a) Table  
(b) DIV  
(c) Layer in CSS  
**OR**
- Explain elements of Web Page. Write steps of creating a Web site. **12**
5. (a) Write features of DHTML. 5  
(b) Explain importance of CSS in HTML with suitable example. 7  
**OR**  
(a) Explain types of Stylesheets with example. 7  
(b) What is Filter effects in CSS ? 5
6. Explain the JavaScript object model in detail. **12**  
**OR**  
(a) What do you mean by client side JavaScript validation ? Explain in detail. 7  
(b) Explain advantage of JQuery with example. 5
7. (a) Differentiate among JPEG, PNG, GIF and TIFF image file format in detail. 7  
(b) Explain magic wand tool in detail in Photoshop. 5  
**OR**  
(a) Explain uses and importance of Coraldraw in designing. 6  
(b) Explain basic tools for shapes in Coraldraw. 6

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