

205/235

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. <https://www.uoronline.com>

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

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

PART - II

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

4x5=20

- (a) What is the use of Plug-Ins in Web ?
- (b) How to link an image, a website url and e-mail address within a web page ? Explain.
- (c) Explain the elements of Stylesheets.
- (d) Explain how JavaScript working with variables and data functions.
- (e) 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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B.C.A. (Part - II) EXAMINATION, 2017
(Faculty of Science)
(Three-Year Scheme of 10 + 2+ 3 Pattern)
Paper - 235
WEB DESIGNING AND MULTIMEDIA

Time : Three Hours]

[Maximum Marks : 100

Answer of all the questions (short answer as well as descriptive) are to be given in the main answer -book only. Answers of short answer type questions must be given in sequential order. Similarly all the parts of one question of descriptive part 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 numbers 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 Maximum limit for each question is up to 40 words.*
- Part II:** *(Short answer) consists of 5 questions of four marks Maximum limit for each question is up to 80 words.*
- Part III:** *(Long answer) consists of 5 questions of twelve marks each with one question from each unit with internal choice.*

PART - I

1. a) What is Web Page? [10×2=20]
- b) What is a Web Browser?
- c) What is the difference between HTML elements and tags?
- d) What are three ways to reduce page load time?
- e) How can you refer to CSS file in the web page?

- f) What hierarchy is being followed when uses style sheets?
- g) What is a named function in JavaScript? How to define a named function?
- h) What are all the looping structures in JavaScript?
- i) What are Lasso tools and name them?
- j) What is Pen Tool in coral draw?

PART - II

2. a) What do you mean by web portal? [5×4=20]
- b) What are the ways to link an image, a website, and an email address?
- c) What are the components of a CSS Style?
- d) What are the valid scopes of a variable in JavaScript?
- e) List the features of Photoshop?

PART - III

UNIT - I

3. What are search engines? Explain Plug Ins. [12]

OR

What is a Firewall? Explain. [12]

UNIT - II

4. Write the significance of markup language and web graphics in detail. [12]

OR

What are Frames, Frameset in HTML? Explain with example. [12]

UNIT - III

5. Explain the following:

[12]

- a) IFrame
- b) Layer Tag

OR

What are Cascading Style Sheets? What is CSS rule 'ruleset' and grouping? Explain.

[12]

UNIT - IV

6. Explain the Java script object model in detail.

[12]

OR

What do you mean by validation? Using JavaScript, validate an input-field that contains an E-mail address?

[12]

UNIT - V

7. Differentiate between PNG, GIF and TIFF Image File Format. Which are the main considerations to choose the necessary image file type?

[12]

OR

What is CorelDraw? For what purpose we use this software? Explain five Perfect Shapes of coral draw.

[12]



B.C.A. (PART - II) EXAMINATION - 2018

(Faculty of Science)

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

Paper - 235

(Web Designing and Multimedia)

Time allowed : Three hours

Maximum Marks : 100

Question paper compulsory consists of three parts.

All three parts are compulsory.

- Part I:** (Very Short Answer) consist of 10 questions of two marks each with two questions from each unit. Maximum limit for each question is up to 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 up to 80 words.
- Part III:** (Long answer) consists of 5 questions of twelve marks each with one question from each unit with internal choice.

PART - I

1. Answer the following questions. All questions are compulsory. Each question carries equal marks.

- (a) What are the different types of components involved in URL?
- (b) What is streaming media? What are the advantages of streaming media?
- (c) What is the role of < meta > tag in a HTML page.
- (d) What is hyperlink? Explain briefly role of target property in hyperlink? Write syntax.
- (e) What is @ import rule in CSS? Give example.
- (f) Explain < layer > tag of HTML with example.
- (g) What are the different places to use java script in a webpage?
- (h) What are alert() and confirm() methods in Java Script? Give Example.
- (i) What is Clone tool in Photoshop? How to use it.
- (j) What are the usage of interactive fill tool, texture fill, uniform fill in CorelDraw?

(10 x 2 = 20)

PART - II

2. Attempt all questions. Each questions carry equal marks.

- (a) What is Browser Cache? What is the need to clear browser cache?
- (b) Explain the following attributes with relevant values of <table> tag in HTML:-
 - (i) rules
 - (ii) cellpadding and cellspacing
 - (iii) colspan and rowspan
 - (iv) caption
- (c) What are the benefits of CSS? Explain types of CSS with example.
- (d) Write a JavaScript function to validate the empty inputbox and display appropriate message using alert function.
- (e) Compare JPEG, TIFF, GIF and PNG image file format. (5 x 4 = 20)

PART III

UNIT I

- (a) Explain different elements of web in detail?

(12 marks)

OR

- (a) Discuss most important security and privacy issues of world wide web.
- (b) What are different web resources? How to make use of web resources.

(6+6=12)

UNIT II

- (a) Explain basic structure of HTML page?
- (b) Explain in brief domain name, web page, website and portal.

(6+6=12)

OR

Explain the following HTML tags with relevant attributes:

- (i) <FORM>
- (ii) <HR>
- (iii)

(4+4+4=12 marks)

UNIT III

- (a) What is the difference between HTML and DHML? Discuss various features of DHTML.
- (b) What are the applications of <IFRAME> Tag?

(8+4=12 marks)

OR

- (a) Explain briefly different elements of Style Sheet.
- (b) Define the following CSS properties with examples.

- (i) z - index
- (ii) float
- (iii) text-decoration
- (iv) font-weight
- (v) letter-spacing
- (vi) line-height

(2+2+2+2+2+2=12 marks)

UNIT IV

- (a) Explain different control structure used in Java Script?
- (b) Write Java Script code to display current date using date object in dd-mm-yyyy format.

(8+4=12 Marks)

OR

- (a) Write short note on jquery and Ajax. What are the advantages of using jquery over Java Script?
- (b) Write a Java Script function using for.....loop to print sum of numbers from 1-100.

(8+4=12 marks)

UNIT V

What is a layer in Photoshop? What are benefits of using layer? Write step to add and delete a new layer. (12 marks)

OR

Explain the following in Corel draw:

- (i) Vector image and raster image
- (ii) Components of Coral work area

(6+6=12)