

**CREDIT BASED THIRD SEMESTER B.C.A. DEGREE EXAMINATION
OCTOBER 2012**

**B.C.A
INTERNET PROGRAMMING**

Time: 3 Hrs

Max. Marks: 120

PART – A

1. Answer any 15 questions from the following: 15x2=30

- a. Write any 2 services of TELNET protocol.
- b. What is FTP?
- c. Mention the purpose of <DIV> Tag in HTML.
- d. What is the purpose of <NOFRAMC>?
- e. Give the usage of <MARQUEE> tag with any two attributes.
- f. Give the usage of alert dialog box in java script with an example.
- g. What are the various data types available in Java Script?
- h. List any four properties of DOCUMENT Object.
- i. Write the use of ParseFloat () function in Java Script with an example.
- j. Define property and methods in Java Script.
- k. List any two arithmetic operators in VB Script and give an example for each.
- l. Give the syntax of input box () function in VB script and explain its operation.
- m. Write a note on event driven coding.
- n. How do you create variables in VB Script?
- o. Write any two style properties used with text.
- p. How do you apply styles for hyper links?
- q. How is XML different from HTML?
- r. How do you declare a DTD?

PART – B

Answer any TWO questions from each unit:

UNIT – I

2. a. Explain the following protocols:-
i) FTP ii) TCP/IP
 - b. Explain the following attributes with example.
i) Cellpadding and cellspacing of <Table>
ii) Colspan and Valign of <TH>
iii) att & SRC of
 - c. How do you create ordered and unordered lists in HTML? Give suitable example to show all types of lists. **(5+6+4)**
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3. a. Explain with example, Java Script Objects, events and methods.
 - b. Differentiate between BREAK and CONTINUE statements in Java Script with example.
 - c. Explain any five methods of WINDOW Object. **(6+4+5)**
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4. a. Explain any two looping statements of Java Script with syntax and example.
 - b. With a suitable example explain how a function can be declared and accessed in Java Script.

- c. Explain any three Math Methods of Java Script **(6+6+3)**

UNIT – II

5. a. Explain the working of Do.. while and Do.. until loops in VBScript with syntax and example.
b. What are the different datatypes available in VBScript? Explain.
c. Explain the logical operators in VB Script. **(6+5+4)**
6. a. What is an array? Explain the terms Is Array, Ubound, redim with an example to each.
b. Explain with example the use of keywords Byval and Byref in VBScript while handling sub procedures.
c. What are constants? How are they declared in VBScript? **(7+5+3)**
7. a. Explain the SELECT statement in VBScript with syntax and an example.
b. With syntax and an example explain creating and calling subroutines in VBScript.
c. Write a VBScript program to reverse a number and check whether it is palindrome or not. **(5+6+4)**

UNIT – III

8. a. Explain the different ways of adding styles to a document. Give suitable example for each.
b. List the various style properties associated with lists. Explain any three. **(9+6)**
9. a. Write a short note on XML structure.
b. Explain the styles classes and ID's with example.
c. Write a note on XML DTD. **(4+6+5)**
10. a. Create classes and ID's in CSS to do the following:
i) All heading of H₂ and H₁ must be underlined and in Bold form.
ii) Paragraph font color in red and in Italic
iii) Background color of document to be in green.
b. What are cascading style sheets? Explain with an example.
c. What do you mean by valid and well formed XML document? Explain. **(6+4+5)**

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OCTOBER 2013
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PART – A

- 1. Answer any 15 questions from the following: 15x2=30**
- a. What is the purpose of `<ANCHOR >` tag in HTML? Write the syntax.
 - b. What is URL? What is its general form?
 - c. Mention any two attributes of `` tag.
 - d. What is the purpose of `<NOFRAME>` tag?
 - e. Differentiate between `
` and `<P>` tag.
 - f. What is the purpose of ALT and SRC attributes of `` tag?
 - g. What is www?
 - h. Write the syntax of prompt dialog box in Java Script.
 - i. List any four methods of window object.
 - j. What is the purpose of with statement in Java Script?
 - k. How do you declare variables in VBScript? Give an example.
 - l. What do you mean by event handler in VBScript? Give an example.
 - m. What is the use of MsgBox function in VBScript?
 - n. What is the usage of `<DIV>` tag with stylesheet?
 - o. Explain the different occurrence indicators used in `<!ELEMENT>` type declaration of XML document.
 - p. Differentiate between HTML and XML with respect to closing tag, attributes and tag name.
 - q. What are the two primary advantages of XML schema over DTD?
 - r. What are root element, character entities in a XML document?

PART – B

Answer any TWO full questions from each unit:

UNIT – I

- 2. a.** What is the use of `<MARQUEE>` tag? With example, explain any four attributes of `<MARQUEE>` tag.
- b.** Explain any five methods of string object in Java Script.

- c. Explain switch statement with an example. (5+5+5)
3. a. Explain different attributes related to <TABLE> tag with an example.
 b. Explain the various datatypes in Java Script.
 c. Explain any four properties of LOCATION object in Java Script. (5+5+5)
4. a. What is the purpose of <FRAME> tag? How do you create them? Explain.
 b. Explain the various conceptual components of an electronic mail system.
 c. Explain the while loop in JavaScript with syntax and example. (6+4+5)

UNIT – II

5. a. Explain the two forms of do...loop with example in VBScript.
 b. With an example, explain ByVal and ByRef in VBScript.
 c. Write a program in VBScript to reverse an input string and check whether it is a palindrome. (4+5+6)
6. a. What is an array? Explain i) REDIM ii) PRESERVE iii) UBOUND
 And iv) ISARRAY with example.
 b. What are the different datatypes available in VBScript? Explain.
 c. With syntax and example, explain the select statement in VBScript. (5+5+5)
7. a. How do you handle the errors in the VBScript? Explain with an example.
 b. Explain the following functions with example.
 i) MID() ii) CINT() iii) WeekDay(date) iv) TimeSerial()
 c. Explain the subroutine and function procedure in VBScript with example. (6+4+5)

UNIT – III

8. a. Explain the different ways of adding styles to a document.
 b. Explain any five style specifications for FONT. Give example.
 c. Write a short note on XML structure. (6+5+4)
9. a. How do you create styles using classes and IDS? Explain with an example.
 b. With suitable example, explain how to view XML document using HTML table.
 c. Explain cascading style sheets with example. (5+5+5)
10. a. What are stylesheets? Explain the advantages of using.
 b. What is the difference between XML schema and DTD?
 c. What are the different ways to load XML documents? Explain. (5+5+5)

CREDIT BASED THIRD SEMESTER B.C.A. DEGREE EXAMINATION
OCTOBER 2014
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INTERNET PROGRAMMING

Time: 3 Hrs

Max. Marks: 120

PART – A

1. Answer any 15 questions from the following: 15x2=30

- a. What is URL? What is its general form?
- b. Differentiate *BR* and *P* tags.
- c. What is a list? Which are the different lists available in HTML?
- d. What is the purpose of *NOFRAME* tag?
- e. What is the purpose of *INPUT* tag?
- f. Write the purpose of confirm dialog box in Java Script.
- g. How do you create a single dimensional array in Java Script? Give an example.
- h. Write any two mathematical functions used in Java Script and its purpose.
- i. Write the syntax of input box in VB script.
- j. Mention the purpose of eval() and parse Float () functions in Java script.
- k. What is a variable? How is a variable declared in VB Script?
- l. What is a style sheet? Why is it used?
- m. Differentiate root element and character entities in an XML document.
- n. How XML is different from HTML?
- o. What do you mean by DTD declaration?
- p. Write the necessary first line of XML programs.
- q. Expand WWW and HTML.
- r. Write the use of *DIV* tag in style attribute.

PART – B

Answer any TWO full questions from each unit:

UNIT – I

2. a. Explain the following
(i) HTTP (ii) TELNET
- b. Explain the following attributes
(i) BGCOLOR of <BODY> (ii) WIDTH OF <HR>
(iii) SRC of <FRAME> (iv) TARGET of <A>
- c. How to insert an image into a web page? Explain all the attributes of the tag

used to insert an image. (4+4+7)

3. a. Compare and contrast for loop and while loop in Java script.
b. Give syntax, usage and examples for the following functions in Java Script.
(i) parseInt () (ii) getDate()
c. Explain any six methods of Window object. (5+4+ 6)
4. a. Explain any six properties of location object.
b. Explain for and for... in statements in Java script with syntax and example.
c. Write a note on split and last Index of () methods of string object. (6+5+4)

UNIT – II

5. a. With syntax and example explain the select statement in VB Script.
b. Explain any four string functions in VB script with syntax and example.
c. Write notes on subroutines and procedures in VB Script. (4+6+5)
6. a. Explain ByVal and ByRef keywords in VB Script with reference to subroutine.
b. Explain any four date functions in VB Script.
c. Explain the logical and relational operations in VB Script. (4+6+5)
7. a. What are the different data types available in VB Script? Explain.
b. Explain the following functions with example
i) TimeSerial ii) WeekDay iii) CINT iv) ABS v) MID
c. Write a note on MSGBOX(). (6+5+4)

UNIT – III

8. a. What are the different ways to add styles to a document? Give suitable examples for each.
b. List the various style properties associated with the lists? Explain any three. (9+6)
9. a. What is the different between XML schema and DTD?
b. Explain the style specifications for links with example.
c. Explain the different background properties of style sheet with example. (5+4+6)
10. a. Explain the XML structure with an example.
b. Explain the various style properties associated with TEXT.
c. Explain the naming conventions, closing tags and attributes with respect to XML. (5+5+5)

Time: 3 Hrs

Max. Marks: 100

PART – A

1. Answer any 11 questions from the following: 11x2=22

- a. Expand www and FTP.
- b. Differentiate between <HR> and <P> tag.
- c. What is the use of <MARQUEE> tag? Write any two attributes.
- d. Write a note on tag.
- e. What is the purpose of <TEXTAREA>?
- f. Explain tag with different attributes.
- g. What is the purpose of 'with' statement in Javascript?
- h. Write the purpose of confirm method with its syntax.
- i. How do you declare variables in VBScript? Give an example.
- j. What do you mean by event handler in VBScript?. Give an example.
- k. What are the advantages of stylesheet?
- l. Write the necessary first line of XML document.
- m. What is the usage of <Div> tag with style attribute?

PART – B

Answer any TWO full questions from each unit:

UNIT – I

2. a. Explain different characteristics of HTTP.
b. With example, explain ordered list and unordered list in detail.
c. Explain any five properties of DOCUMENT object in Javascript. (3+5+5)
3. a. What is the purpose of <FRAME> tag? How do you create them? Explain.
b. Write the structure of HTML document.
c. Explain the while loop in JavaScript with syntax and example. (5+4+4)
4. a. Explain the various conceptual components of an electronic mail.
b. With example, explain any five form controls in HTML.
c. Explain switch statement with an example. (3+5+5)

UNIT – II

5. a. Write a note on MsgBox() and InputBox().
b. Explain various ways of passing arguments to a function in VBScript.
c. Explain the following functions
(i) MID() (ii) ABS() (iii) INSTR() (iv) FIX() (v) CINT() (4+4+5)
6. a. Explain the logical and relational operators in VBScript.
b. With syntax and example, explain the select statement in VBScript.
c. With suitable example, explain local, global and persistent data in VBScript. (5+5+3)
7. a. How do you define function procedure in VBScript? Explain with example.
b. What is an array? Explain the terms ReDim, UBound, IsArray, Preserve keywords in VBScript.
c. Explain DO....WHILE and DO.... UNTIL loops in VBScript. (4+4+5)

UNIT – III

8. a. Explain with example external style sheets.
b. Explain the various styles properties associated with TEXT.
c. What are the different ways to load XML documents? Explain. (4+4+5)
9. a. Explain the different background properties of stylesheet with examples.
b. Explain the terms, root, child and parent w.r.t. XML document.
c. With suitable example, explain how to view XML document with HTML tables. (4+5+4)
10. a. How do you create styles using classes and IDs? Explain with an example.
b. Explain naming conventions, closing tags, attributes w.r.t. XML.
c. Write a note on well formedness and DTD declaration. (5+5+3)

CREDIT BASED THIRD SEMESTER B.C.A. DEGREE EXAMINATION

OCTOBER 2016

B.C.A

INTERNET PROGRAMMING

Time: 3 Hrs.

Max. Marks: 120

PART – A

1. Answer any FIFTEEN questions from the following: 15×2=30

- a. What is WWW?
- b. Mention the purpose of Tag in HTML.
- c. Explain the structure of an HTML page.
- d. How do you insert an image to a table cell?
- e. What is GOPHER?
- f. Write a note on java script operators.
- g. Explain Write() and WriteLn() methods.
- h. Mention and explain any two events of java script.
- i. Write a note on functions in java script.
- j. Explain 'WITH' statement in java script.
- k. What is the output of the following segment?

```
<script language = "Java Script">
S = "Agnes College"
S = S.toUpperCase();
P = S.substring(4, 3)
Alert (p)
</script>
```
- l. Write the use of msgbox in VBscript.
- m. Differentiate between ByVal and Byref mode of passing variables in VBscript.
- n. Write a note on Random function in VBscript.
- o. List any two Math functions in VBscript.
- p. Explain the importance of <STYLE? In style sheet.
- q. Write the necessary first line of XML program.
- r. What do you mean by DID declaration? Illustrate with an example.

PART – B

Answer any TWO full questions from each unit:

UNIT – I

2. a. Write a note on web addresses.
- b. What are hyperlinks? Explain different ways of creating hyperlinks in an HTML page.
- c. Explain any five attributes of <FRAME> (4+6+5)

