

104/II

003-007103

**M.C.A. (CBCS) (Sem.-I) Examination
January-2014
CCA 1003 : Internet Concept & Tools**

**Faculty Code : 003
Subject Code : 007103**

Time : 2½ Hours]

[Total Marks : 70

- Instructions :** (1) Attempt **all** questions.
(2) Make suitable assumptions wherever necessary.

I. Answer following MCQs :

15

- (1) Website is a _____.
- (a) Internet (b) Set of Web Pages
(c) Browser (d) Surfing
- (2) Full form of URL is _____.
- (a) Uniform Resource Language
(b) Uniform Relative Locator
(c) Uniform Regional Locator
(d) Uniform Resource Locator
- (3) Static web is the _____ which works only with client.
- (a) HTML Documents (b) PHP
(c) ASP (d) JSP
- (4) Server side code is _____ dependent.
- (a) Browser (b) Client
(c) Server (d) Nature
- (5) Client side language is understood by _____.
- (a) User (b) Browser
(c) Server (d) Machine

- (6) Client side uses _____ language.
(a) JSP (b) ASP
(c) JavaScript (d) All three correct
- (7) Which of the following protocol is supported by IIS ?
(a) HTTP (b) FTP
(c) HTTPS (d) All
- (8) HTTP is known as.
(a) Procedure (b) Request/Response Protocol
(c) Transmit Protocol (d) None
- (9) IIS is product of _____ company.
(a) Microsoft (b) Windows
(c) Vista (d) Sun
- (10) Hosting is kind of _____.
(a) Service (b) Internet Hosting Service
(c) Server (d) Space Machine
- (11) Multi homing is commonly used in _____.
(a) Management (b) Communication
(c) Multiple Homing (d) Web Management
- (12) Full form of VDS _____
(a) Virtual Display Server (b) Virtual Dedicated Server
(c) Virtual Device Server (d) Virtual Device Service
- (13) _____ hosting service provides sub name.
(a) Free (b) Shared
(c) Dedicated (d) Reseller
- (14) Full form of CSS
(a) Cast Cad Stay (b) Cascading Style Sheet
(c) Case Style Sheet (d) All
- (15) Virtual Host can be _____ and _____ based.
(a) IP, Name (b) ID, Name
(c) Name, Server (d) Client, Server

2. Attempt the following questions : (any **five**) 15
- (1) Explain Web Server in detail.
 - (2) Write a note on : Distributed Server and Document Root.
 - (3) Write a difference between Internet and Intranet.
 - (4) Explain <table> tag in detail with example.
 - (5) What is CSS ? Explain External CSS with appropriate example.
 - (6) Briefly explain CGI.
3. Attempt the following questions : (any **three**) 15
- (1) Write a note on Types of Web Hosting Services.
 - (2) Explain Multi homing in detail.
 - (3) What is Website ? Differentiate Static and Dynamic Website.
 - (4) Differentiate : Client side and Server side script.
4. Attempt the following questions : (any **two**) 15
- (1) Explain ISP based on its services.
 - (2) Brief note on Virtual Host.
 - (3) Write a note on W W W.
5. Attempt the following questions : (any **one**) 10
- (1) Explain n-tier architecture in detail.
 - (2) Explain Client/Server Architecture in detail.
-



003-007103

M. C. A. (Sem. I) (CBCS) Examination
January - 2012
CCA - 1003 : Internet Concepts & Tools

Faculty Code : 003
Subject Code : 007103

Time : 3 Hours]

[Total Marks : 70

[15]

Q. 1 Answer the following multiple choice questions

- (1) In HTML, Empty tags are those, which has to be closed. Above Statement is
 - (1) True
 - (2) False
 - (3) Cannot Say
 - (4) None of these

- (2) In HTML, <BODY> tag, which attributes specifies the color of hyperlinks that have not yet been visited.
 - (1) link
 - (2) vlink
 - (3) alink
 - (4) None of these

- (3) In HTML,

```
<Html>  
  <Font size=1> Hello  
    <BASEFONT size="+3"> MCA-1 </BaseFont>  
  </Font>  
</Html>
```

Above program will print
 - (1) Hello with size 1 and MCA-1 with size 4
 - (2) Hello with size 1 and MCA-1 with size 3
 - (3) Hello with size 1 and MCA-1 with size 1
 - (4) None of these

- (4) In HTML, <HR> tag default value of size attribute is
 - (1) 2px
 - (2) 1px
 - (3) 10px
 - (4) None of these

- (5) Which of the following is not an attribute of <TABLE> tag?
 - (1) align
 - (2) hspace
 - (3) cellpadding
 - (4) src

- (6) In HTML, correct code to create an email link?
- (1) ``
 - (2) ``
 - (3) `<mail>xyz@gmail.com</mail>`
 - (4) ``
- (7) iframe browser will decide where to fit the frame, statement is
- (1) True
 - (2) False
 - (3) Cannot Say
 - (4) None of these
- (8) In CSS, which tag is used to add external style sheet
- (1) `<link type="text/css" src="mystyle.css">`
 - (2) `<style src="mystyle.css">`
 - (3) `<stylesheet href="mystyle.css">`
 - (4) None of these
- (9) In CSS, How to convert the first letter of each word in text to a capital letter?
- (1) `text-transform : uppercase`
 - (2) `text-transform : capitalize`
 - (3) `text-translate : uppercase`
 - (4) None of these
- (10) In CSS, set the background color of all `<p>` tags, which syntax is used
- (1) `all.p{background-color : red}`
 - (2) `p {background-color : red }`
 - (3) `p.all {background-color :red }`
 - (4) None of these
- (11) In CSS, to set the italic format for font which syntax is used
- (1) `#a {font-size : italic }`
 - (2) `#a {font-variant : italic }`
 - (3) `#a {font-style : italic }`
 - (4) None of these
- (12) In CSS, to set the bullet, which property is used
- (1) `list-type`
 - (2) `list-style-type`
 - (3) `list-style-position`
 - (4) None of these
- (13) In CSS, to increase or decrease the spacing between the word which property is used
- (1) `white-space`

- (2) word-spacing
 - (3) text-indent
 - (4) None of these
- (14) In CSS, to add line over the text which property will used
- (1) {Text-decoration : liveover}
 - (2) {Text-decoration : line-through}
 - (3) {Text-decoration : overline}
 - (4) None of these
- (15) In CSS, to add a comment which syntax is used
- (1) /* this is comment */
 - (2) // this is comment
 - (3) ` this is comment
 - (4) None of these

[15]

Q. 2 Attempt any five of the following:

- (1) Explain IMAP and Explain Advantages of IMAP over POP
- (2) Write a note on Cookies with suitable example
- (3) What is Web Hosting and list out different types of web hosting and explain any two in detail
- (4) Explain Multi Homing with suitable example
- (5) Differentiate between Internet, Intranet and Extranet in detail with suitable example
- (6) Write a note on IP Address in detail.

[15]

Q. 3 Attempt any three of the following:

- (1) What is Physical Style and List out and explain different tags of Physical Style with suitable example.
- (2) Write note on List tags and List out and explain different types of list with suitable example.
- (3) Write note on <FRAMESET> <FRAME> <NOFRAMES> tags list out suitable attributes and explain in detail with example.
- (4) Write note on <FORM> <SELECT> <TEXTAREA> > tags list out suitable attributes and explain in detail with example.

[15]

Q. 4 Attempt any two of the following:

- (1) How to insert Style Sheet and list out different ways of inserting a style sheet with suitable example.
- (2) Write a note on Layers in CSS and Explain Relative and Absolute Positioning with suitable example.
- (3) List out and Explain CSS Border Properties with suitable example.

Q. 5 Attempt the following:

(1) Write HTML Script for following

| Result of Examination | | |
|---|---|------|
| MCA 1 st Semester Result for Year 2011 | | |
| Web Application |  | +73% |
| Internet tools |  | +25% |
| C++ |  | 10% |
| Fundamental of Computers |  | -45% |

(2) Write a Script in HTML and CSS. Give the layer effect using CSS.

This is Heading 2

This is Heading 1



003-007103 / B-155 Seat No. _____

M. C. A. (CBCS) (Sem. I) Examination

November / December - 2010

CCA-1003 : Internet Concepts & Tools
(New Course)

Faculty Code : 003

Subject Code : 007103

Time : Hours]

[Total Marks : 70

1 Answer the following multiple choice questions : 15

- (1) From which tag the descriptive list starts ?
 - (A) <LL>
 - (B) <DD>
 - (C) <DL>
 - (D) <DS>
- (2) How can you open a link in a new browser window ?
 - (A)
 - (B)
 - (C)
 - (D)
- (3) Markup tags tell the web browser
 - (A) how to organize the page
 - (B) how to display the page
 - (C) how to display message box on page
 - (D) none of these
- (4) www is based on the model
 - (A) Local-server
 - (B) Client-Server
 - (C) 3-Tier
 - (D) None of these
- (5) A much better approach to establish the base URL is to use the
 - (A) BASE element
 - (B) HEAD element
 - (C) Both (A) and (B)
 - (D) None of these

- (6) The attribute of <form> tag
- (A) Method
 - (B) Action
 - (C) Both (A) and (B)
 - (D) None of these
- (7) The tag used to create a hypertext relationship between current document and another URL is
- (A) <ISINDEX>
 - (B) <A>
 - (C) <LINK>
 - (D) None of these
- (8) Which of the following is possible in a token passing bus network ?
- (A) in-service expansion
 - (B) unlimited number of stations
 - (C) both (A) and (B)
 - (D) unlimited distance
- (9) A packet-switched network
- (A) is free
 - (B) can reduce the cost of using an information utility
 - (C) allows communications channel to be shared among more than one user
 - (D) Both (B) and (C)
- (10) This markup language is considered to be extensible because of its unlimited and self-defining markup symbols.
- (A) HTML
 - (B) XHTML
 - (C) XML
 - (D) CGI
- (11) This lightweight protocol provides a way for programs to interact with each other, even if using different operating systems and located behind a firewall.
- (A) CORBA
 - (B) SOAP
 - (C) RMI
 - (D) DCOM

- (12) A word that looks underlined on a web page is usually what ?
- (A) a tag
 - (B) the web address
 - (C) a "link" to another web page
 - (D) a spell mistake
- (13) A hub in network is
- (A) a multi port signal repeater or concentrator
 - (B) a multiplug like device to allow many computers to be connected
 - (C) the server which serves every node
 - (D) the central power supply
- (14) Which of the following items is not used in local area network (LAN) ?
- (A) Computer
 - (B) Modem
 - (C) Printer
 - (D) Cable
- (15) CGI is standard for
- (A) how to develop a web page
 - (B) rapid web development
 - (C) interfacing external applications with information servers, such as HTTP or Web servers
 - (D) None of these

2 Attempt any five of the following :

15

- (1) What are the style precedence rules when using multiple approaches ?
- (2) Explain about <TABLE> and <FRAME> tags in detail.
- (3) [3.1] Change the following IP address from binary notation to dotted decimal notation :
11000100 10001111 00110000 10000001
- [3.2] Find the error if any in the IP address :
144.15.256.7
- [3.3] Find the class of the following IP address :
227.15.75.111
- (4) Explain Client/Server Architecture in details.
- (5) How to generate Image Map in HTML ? What is its use ?
- (6) Explain IIS Architecture and its advantages.

3 Attempt any **three** of the following : **15**

- (1) Explain hyperlink, bookmark, <P>, <TITLE> and <PRE> with example in HTML.
- (2) What is HTML ? Write basic structure of HTML script.
- (3) What is 2-Tier and 3-Tier Architecture ? Explain N-tier Architecture.
- (4) Explain Layers in CSS.
- (5) List down :
 - (1) The ways of including style information in a document
 - (2) Font characteristics permitted in style sheets

4 Attempt any **two** of the following : **15**

- (1) Write note on below :
 - (1) Proxy Server
 - (2) Virtual Host and Multi Homing
 - (3) POST and GET method
- (2) Differentiate :
 - (1) Internet and Intranet
 - (2) POP3 and IMAP
 - (3) Static Website and Dynamic Website.
- (3) Explain the IP addressing and domain name system.

5 Attempt any **one** of the following : **10**

- (1) Write note on Connection Requirement and Connection Options
- (2) Write note on <BODY> tag with at least 5 attributes.