

(6 pages)

Reg. No. :

Code No. : 7917

Sub. Code : HCAM 13

M.C.A. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2015.

First Semester

Computer Applications

INTERNET PROGRAMMING — I

(For those who joined in July 2012 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer.

1. URL stands for

- (a) Uniform Resource Loader
- (b) Uniform Resource label
- (c) Uniform Resource Locator
- (d) Uniform Reference Locator

2. Which one is the HTTP request?

- (a) Start
- (b) HEAD
- (c) ifstream
- (d) PING

3. A piece of icon or image on a web page associated with another webpage is called

- (a) URL
- (b) Hyperlink
- (c) Plugin
- (d) Link

4. _____ allows document authors to specify the presentation of elements on a web page separately from the structure of the document.

- (a) HTML
- (b) CSS
- (c) FLASH
- (d) CGI

5. The JavaScript function parseInt converts its

- (a) string argument to an integer
- (b) character argument to an integer
- (c) float argument to an integer
- (d) int argument to an integer

6. The Javascript function isNaN takes a numeric argument and returns _____ if the value of the argument is not a number.

- (a) Null
- (b) Zero
- (c) True
- (d) False

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7. Column property of the TextStream object in ASP returns

- (a) the current line number
- (b) the character's position in line
- (c) the file's position in memory
- (d) the texts

8. _____ is the well-known host name that refers to your own computer.

- (a) HTTP (b) WWW
- (c) Localhost (d) Servlet

9. _____ provides elements that define rules for transforming data from one XML document to produce another XML document.

- (a) XSL (b) XHTML
- (c) XSLT (d) SOAP

10. WSDL stands for

- (a) Web Service Description Language
- (b) Web Service Definition Language
- (c) Web Service Development Language
- (d) Web Service Distribution Language

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PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Explain the web system architecture.

Or

(b) What are cookies? Explain its pros and cons.

12. (a) How is a form added to a HTML page? Illustrate.

Or

(b) Explain the properties used in CSS to specify the margins for individual sides of an element.

13. (a) Explain the arithmetic assignment operators used in JavaScript with example.

Or

(b) Write short notes on window objects.

14. (a) What are the most commonly used ASP objects? Explain.

Or

(b) Explain the HttpServletResponse Interface briefly.

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15. (a) Explain the components of XSL.

Or

- (b) What are web services? Explain.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Explain the properties, methods and controls used in HTTP request object.

Or

- (b) Discuss about Domain Name System.

17. (a) Write and explain HTML code to display the information of the courses offered by the University.

Or

- (b) Explain the positioning of elements using CSS in developing documents.

18. (a) What are the conditional statements in Javascript? Explain.

Or

- (b) Explain any four Dynamic HTML object model properties and their use.

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19. (a) How to access a Database from an Active Server Page? Explain.

Or

- (b) Explain the use of page directive and its attributes in JSP.

20. (a) Discuss about Document Type Definition.

Or

- (b) Illustrate the transformation of XML document using XSLT.

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