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**UNIVERSITY**

(Karunya Institute of Technology & Sciences)

(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

Reg.No. \_\_\_\_\_\_\_\_\_\_\_\_\_

**End Semester Examination – Nov/Dec – 2016**

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|  |  | **Semester :** | **2016-17 ODD** |
| **Code :** | **12BI244** | **Duration :** | **3 hrs** |
| **Sub. Name :** | **WEB PROGRAMMING** | **Max. marks :** | **100** |

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| **Q. No.** | **Questions** | **Marks** |
| **PART-A(10X1=10 MARKS)** | | |
| 1. | Define Hypertext. | (1) |
| 2. | Name any two multimedia file types. | (1) |
| 3. | \_\_\_\_\_ Programs are automatically loaded and operates as a part of browser. | (1) |
| 4. | Define the term ‘Selector’ in CSS. | (1) |
| 5. | Show example for abbreviating XML empty elements. | (1) |
| 6. | Expand XSL. | (1) |
| 7. | Name any two web domain extensions. | (1) |
| 8. | What is web cookie? | (1) |
| 9. | Expand ASP. | (1) |
| 10. | Give any two merits of using CGI. | (1) |

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| **PART B(5 X 3= 15 MARKS)** | | |
| 11 | Briefly explain about color coding methods in HTML. | (3) |
| 12 | Give brief description on CSS syntax Rule – with an example. | (3) |
| 13 | How can you make XML attributes have multiple values – show example? | (3) |
| 14 | Illustrate the working of three-tier web server. | (3) |
| 15 | Comment on each word in the acronym - Common gateway interface. | (3) |

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| **PART C(5 X 15= 75 MARKS)** | | |
| 16. | Write HTML code to design a web page with the following effects - Page with horizontal frames, forms and tables with background image. | (15) |
| (OR) | | |
| 17. | Discuss in detail about HTML elements, tags and attributes associated with creating list and links with suitable examples. | (15) |
| 18. | Discuss the different types of CSS selectors with syntax and example used in the properties of style sheet. | (15) |
| (OR) | | |
| 19. | Explain the effects and types of CSS style sheets used along with HTML tags. Show syntax and example for each type of style sheet. | (15) |
| 20. | Explain the features, program structure of XML with suitable example. Also illustrate the tree structure of XML documentation. | (15) |
| (OR) | | |
| 21. | Show example and describe how a well formed XML document can be validated against document type definition. | (15) |
| 22. | What is an internet protocol address? Explain the types and classes of internet protocol address. | (15) |
| (OR) | | |
| 23. | Illustrate and elaborate different layers of open systems interconnection reference model. | (15) |
| 24. | Illustrate the architecture of CGI and tabulate the various http headers and variables used in server side scripting. | (15) |
| (OR) | | |
| 25. | How do you develop web application using common gateway interface scripting, explain it with a suitable example. | (15) |

ALL THE BEST