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| **University Of Kerala** | | |
| Discipline:Computer Science |  | Time:2Hours (120Mins.) |
| CourseCode:UK1DSCCSC105 |  | TotalMarks:56 |
| CourseTitle:INTERNET TECHNOLOGY |  |  |
| TypeofCourse:DSC |  |  |
| Semester:1 |  |  |
| AcademicLevel:100-199 |  |  |
| TotalCredit:4,Theory:4Credit, Practical:0Credit |  |  |

Part A.6Marks.Time: 5Minutes

ObjectiveType. 1MarkEach.AnswerAllQuestions

(CognitiveLevel: Remember/Understand)

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| **Qn.**  **No.** | **Question** | **Cognitive**  **Level** | **Course**  **Outcome(CO)** |
| 1. | What is the primary purpose of a computer network? | Remember | CO1 |
| 2. | What is the purpose of the <a> (anchor) tag in HTML? | Remember | CO4 |
| 3. | How is a MAN different from a LAN | Understand | CO1 |
| 4. | What is the primary function of the Internet? | Understand | CO3 |
| 5. | What does HTML stand for? | Remember | CO4 |
| 6. | Name any two search engines. | Remember | CO2 |

PartB.10Marks.Time: 20Minutes

Two-Three sentences. 2MarksEach.AnswerAllQuestions

(CognitiveLevel:Understand/Apply)

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| **Qn.**  **No.** | **Question** | **Cognitive**  **Level** | **Course**  **Outcome(CO)** |
| 7. | Explain two advantages of computer networks | Understand | CO1 |
| 8. | What is the role of URL in accessing web pages? | Understand | CO2 |
| 9. | Identify the topology most suitable for a small office setup. Explain | Understand | CO1 |
| 10. | How does FTP (File Transfer Protocol) differ from HTTP (Hypertext Transfer Protocol)? | Apply | CO3 |
| 11. | Explain with suitable example,how will you make a text bold in HTML? | Apply | CO4 |

Part C.16 Marks.Time: 35 Minutes

Short Answer. 4Marks Each.Answer all 4questions, choosing among options within each question.

(CognitiveLevel:Apply/Analyse)

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| Qn.  No. | Question | Cognitive  Level | Course  Outcome(CO) |
| 12. | a) Discuss any 4 interconnecting devices.  Or  b) Discuss about MAN and WAN. | Understand | **CO1** |
| 13. | a)Explain how to compose and send email messages.  Or  b) Explain URL in detail. | Understand  Understand | CO2 |
| 14. | a) How does HTTP facilitate communication between web browsers and servers in the World Wide Web?  Or  b) Discuss the services of Internet. | Apply | CO3 |
| 15. | a) Illustrate the working of multimedia tags in an HTML page  or  b) Illustrate the use of the HTML tags used for creating table with example. | Apply | CO4 |

PartD.24Marks.Time: 60Minutes

Long Answer. 6Marks Each.Answer all 4questions, choosing among options within each question.(CognitiveLevel:Analyse/Evaluate/Create)

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| **Qn.**  **No.** | **Question** | **Cognitive**  **Level** | **Course**  **Outcome(CO)** |
| 16. | 1. Discuss the advantages of computer networks in modern communication.   OR   1. What is LAN topology? discuss the various LAN topologies. | Understand | CO1 |
| 17. | 1. Write about the working of HTTP to facilitate web page access?   OR   1. Illustrate the working of search engines. | Apply | CO2 |
| 18. | 1. Compare the addressing scheme of IPv4 and IPv6.   OR   1. Compare TCP and UDP data format. | Apply | CO3 |
| 19. | 1. Write a simple HTML web page layout that incorporates at least three different text tags (e.g., <h1>, <p>, <blockquote>).   OR   1. Using suitable HTML tags, design a table containing student details(name, roll no, place, phone no, etc). | Apply | CO4 |