| **UniversityofKerala** | | |
| --- | --- | --- |
| Discipline:BSc Computer Science/BCA |  | Time:1Hour 30Minutes(90Mins.) |
| Course Code: UK1MDCCSC101/UK1MDCCAP101 |  | TotalMarks:42 |
| Course Title: Introduction to IT |  |  |
| Type of Course: MDC |  |  |
| Semester:1 |  |  |
| Academic Level:100-199 |  |  |
| Total Credit:3,Theory:3 Credit |  |  |

Part A.6Marks.Time: 6Minutes

ObjectiveType. 1MarkEach.AnswerAllQuestions

(CognitiveLevel: Remember/Understand)

| **Qn.**  **No.** | **Question** | **Cognitive**  **Level** | **Course**  **Outcome(CO)** |
| --- | --- | --- | --- |
| 1. | Define Freeware. | Remember | CO-1 |
| 2. | Define open-source software. | Remember | CO-3 |
| 3. | Expand SRAM and DRAM. | Understand | CO-2 |
| 4. | Identify various functional units of a computer | Understand | CO-1 |
| 5. | Give an example of a Computer Virus. | Understand | CO-3 |
| 6. | Identify different types of Networks | Understand | CO-4 |

PartB.8Marks.Time: 24 Minutes

Short Answer.2MarksEach.AnswerAllQuestions

(CognitiveLevel: Understand/Apply)

| **Qn.**  **No.** | **Question** | **Cognitive**  **Level** | **Course**  **Outcome(CO)** |
| --- | --- | --- | --- |
| 7. | Explain different types of Plotters. | Understand | CO-1 |
| 8. | Describe the functions of the Operating System. | Understand | CO-2 |
| 9. | Differentiate Compiler and Interpreter. | Understand | CO-3 |
| 10. | Discuss different Network Topologies. | Understand | CO-4 |

Part C.28 Marks.Time: 60 Minutes

Long Answer. 7marks each. Answer all 4Questions, choosing among options within each question.

(CognitiveLevel: Apply/Analyse/Evaluate/Create)

| **Qn.**  **No.** | **Question** | **Cognitive**  **Level** | **Course**  **Outcome(CO)** |
| --- | --- | --- | --- |
| 11. | 1. Describe different types of Software.   OR   1. Explain the features of CMOS and BIOS. | Understand | CO-1 |
| 12. | 1. Explain different types of pointing input devices in detail.   OR   1. Differentiate between printer and plotter. | Understand | CO-2 |
| 13. | 1. Write down the advantages of a database.   OR   1. Compare time-sharing and batch operating systems. | Understand | CO-3 |
| 14. | 1. Differentiate the Internet Protocols- TCP/IP, FTP   OR   1. Describe the types of networks. | Understand | CO-4 |

| **Cognitive Level** | **Marks** | **Percentage** |  | **Course Outcomes** | **Marks** | **Percentage** |
| --- | --- | --- | --- | --- | --- | --- |
| Remember | 2 | 4.8 |  |  |  |  |
| Understand | 8 | 19.0 |  |  |  |  |
| Apply | 11 | 26.2 |  |  |  |  |
| Analyse | 21 | 50.0 |  |  |  |  |
| Evaluate | 0 | - |  |  |  |  |
| Create | 0 | - |  |  |  |  |
| **TOTAL** | **42** | **100** |  | **TOTAL** | **56** | **100** |