**Internal Assignment**

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| **SESSION** | **December 2022** |
| **PROGRAM** | **BCA** |
| **SEMESTER** | **III** |
| **course CODE & NAME** | **DCA2104 & Basic of data communication** |
| **CREDITS**  | **4** |
| **nUMBER OF ASSIGNMENTS & Marks** | **02 & 30 Marks each** |

**Note:**

* **There will be two sets of assignments for every course and all questions are compulsory in both sets.**
* **Average of both assignments’ marks scored will be considered as Internal Assessment Marks.**
* **Answers for 10 marks questions should be approximately of 400-500 words.**

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| **Set-I** |
| **Q. No** | **Questions** | **Marks** | **Total Marks** |
| **1.** | Explain the seven layers of OSI model. | **10** | **10** |
| **2.** | Explain the structure of circuit switches. | **10** | **10** |
| **3.** | Differentiate between guided and unguided transmission. | **10** | **10** |
| **Set-II** |
| **Q. No** | **Questions** | **Marks** | **Total Marks** |
| **4.** | Describe frequency division multiplexing. | **10** | **10** |
| **5.** | Explain the advantages and disadvantages of CDMA. | **10** | **10** |
| **6.** | Describe IEEE standards. | **10** | **10** |