**INTERNAL ASSIGNMENT**

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| **SESSION** | **SEPTEMBER 2022** |
| **PROGRAM** | **BACHELOR of COMPUTER APPLICATIONS (BCA)** |
| **SEMESTER** | **I** |
| **course CODE & NAME** | **DCA1101 – FUNDAMENTALS OF IT & PROGRAMMING** |
| **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. ***Define the term ‘Computer’?***
2. ***Explain the organization of computer?***
 |  **2****8** | **10** |
|  | ***Discuss the different classifications of computer?*** | **10** | **10** |
|  | ***Explain Random Access Memory and Read Only Memory along with their types?*** | **10** | **10** |
| **Set - II** |
| **Q.No** | **Questions** | **Marks** | **Total Marks** |
|  | 1. ***Define Software Testing?***
2. ***Explain software testing strategy in detail?***
 |  **2****8** | **10** |
|  | 1. ***What is Operating System?***
2. ***Discuss the different components of Operating System?***
 |  **2****8** | **10** |
|  | 1. ***Explain OSI Reference model?***
2. ***How is data transmission done in OSI model?***
 |  **2****8** | **10** |