**Assignment**

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| **SESSION** | **FEB’24** |
| **PROGRAM** | **BACHELOR of business administration (BBA)** |
| **SEMESTER** | **I** |
| **course CODE & NAME** | **DBB 1105 – COMPUTER FUNDAMENTALS** |
| **CREDITS** | **4** |
| **nUMBER OF ASSIGNMENTS & Marks** | **02**  **30 Marks each** |

**Note:** Answer all questions. Kindly note that answers for 10 marks questions should be approximately of 400 words. Each question is followed by evaluation scheme.

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| **Q.No** | **Assignment Set – 1**  **Questions** | **Page No.** | **Marks** | **Total Marks** |
|  | ***Discuss the characteristics of computers. Discuss the various computer generations along with key characteristics of the computers of each generation.*** | **U1/2/4,5**  **U1/3/9,10** | **5+5** | **10** |
|  | ***Differentiate between positional and non-positional number system.*** ***Convert the number (3456 )10 to the binary system.*** | **U3/2/ 4,5** | **3+7** | **10** |
|  | ***Difference between RAM and ROM. What is Operating system? Briefly explain functions of operating system.*** | **U6/ 6/ 14,15,16** | **4+4+2** | **10** |

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| **Q.No** | **Assignment Set – 2**  **Questions** | **Page No.** | **Marks** | **Total Marks** |
|  | ***What is data communication? Explain basic elements of communication system. What is OSI reference model?*** | **U8/9/20,21,22, 23,24** | **2+4+4** | **10** |
|  | ***Explain TCP/IP Model in detail.*** | **U11/ 2/ 8,9,10** | **10** | **10** |
|  | ***List the characteristics of Object-Oriented Design. Describe the following terms in brief – a) Software Development b) Software Testing c) Imperative Paradigms d) Functional programming Paradigms e) Artificial Intelligence software*** | **U13/2/4,7,8,9** | **2+2+2+2+2** | **10** |