

**Assignment 2020**  
**B sc Part 1**  
**Computer Science**  
**Paper – 1**  
**Computer Hardware**

**Max. Marks .....**

**Note: Attempt all question from Each Unit and each Question carries equal marks.**

- Q. 1    A. Explain major component of digital computer with suitable block diagram.**  
**B. Write the Difference between hardware, software and firmware**
- Q. 2    A. Explain architecture of Intel 8085 microprocessor.**  
**B. Explain various addressing mode.**
- Q. 3    A. Explain primary, secondary and cache memory.**  
**B. Explain memory management unit.**
- Q. 4    A. Explain impact and non impact printer.**  
**B. Explain scan method of display.**
- Q. 5    A. Design a flow chart and write algorithm to find given number is palindrome or not.**  
**B. What is operating system? Give the introduction about ubuntu.**

**Assignment 2020**  
**B sc Part 1**  
**Computer Science**  
**Paper – 2**  
**Computer Software**

**Max. Marks .....**

**Note: Attempt all question from Each Unit and each Question carries equal marks.**

- Q. 1    A. Explain the structure of c program.**  
**B. Explain operator in c.**
- Q. 2    A. Explain the loop in c programming.**  
**B. Explain call by value and call by reference.**
- Q. 3    A. Explain array with example.**  
**B. Explain union with example.**
- Q. 4    A. Explain the pointer in c programming.**  
**B. Explain dynamic memory allocation.**
- Q. 5    A. Explain File Handling in c .**  
**B. Write a program to demonstrate file handling.**