

**B. Sc. (HONOURS) FIFTH SEMESTER EXAMINATIONS, 2021-22**  
**RAMANANDA COLLEGE**

**Subject: Computer Science**

**Course Code: SH/CSC/504/DSE-2**

**Course ID: 51527**

**Course Title: Microprocessor (Practical)**

**Full Marks: 15**

**Time: 2 Hrs.**

**The figures in the margin indicate full marks**

**Problem = 10 marks, Viva = 05**

- 1. Answer *any one* of the following questions: (10)**
- a) Write an assembly language program for Linear Search and Binary Search**
  - b) Write an assembly language program for binary to ASCII conversion.**
  - c) Write an assembly language program for ASCII to binary conversion.**
  - d) Write an assembly language program for 32-bit BCD addition and subtraction.**
  - e) Write an assembly language program for 32-bit binary division and multiplication.**
  - f) Write an assembly language program to add and subtract two arrays.**

Signature of Moderators \_\_\_\_\_

Date \_\_\_\_\_