



PART B — (5 × 16 = 80 marks)

11. (a) Write in detail about the evolution and the various generations of computers. (16)

Or

- (b) Explain the basic computer organisation using a neat diagram. (16)

12. (a) Write about the need and types of looping statements in C language and discuss with examples. (16)

Or

- (b) Write about the need and types of branching statements in C language and discuss with examples. (16)

13. (a) (i) Write a C program to reverse a string. (8)

- (ii) Write a C program to print the Fibonacci series of a given number. (8)

Or

- (b) Write a C program to find the sum of two matrices. (16)

14. (a) Explain the following with suitable examples.

- (i) Function declaration (8)

- (ii) Call by reference, call by value. (8)

Or

- (b) (i) Explain function with and without arguments with example for each. (10)

- (ii) What is recursion? Give an example. (6)

15. (a) (i) What is storage class? List and explain with example. (8)

- (ii) Define and declare a structure to store date, which including day, month and year. (8)

Or

- (b) Write a C program to create mark sheet for students using structure. (16)