5285

Register Number:

Name of the Candidate:

B.Sc. DEGREE EXAMINATION, May 2015

(CHEMISTRY)

(FIRST YEAR)

(PART-III)

(GROUP-B: ANCILLARY)

551: COMPUTER SCIENCE-I

(Common with B.Sc Applied Chemistry)

Time: Three hours   Maximum: 100 marks

Answer One Full Question from each Unit   *(5×20=100)*

UNIT-I

1. a) Explain the advantages of flow chart. (10)
   b) List the types of computing system. (10)
2. a) What is the functional units of computers? (10)
   b) Explain about the Flow chart? (10)

UNIT-II

3. a) Explain about the output peripherals. (10)
   b) List the types of printers and explain them. (10)
4. a) Differentiate Hard disk and Floppy disk. (10)
   b) Explain briefly about Plotters terminal. (10)

UNIT-III

5. a) What is constant? Explain the various types of constant in FORTRAN. (10)
   b) Differentiate between Implicit and explicit type declarations. (10)
6. a) What are the expression type's declaration? Explain them. (10)
   b) Differentiate Input and Read statements in FORTRAN. (10)

UNIT- IV

7. a) Write short note on nested DO? Give an example.   (10)

    b) Write a program for if then else then statement? Explain those.   (10)

8. a) Explain about DO statement with a suitable example.   (10)

    b) Explain briefly about CONTINUE statement with a suitable example.   (10)

UNIT-V

9. a) Write a program to find the subtraction of a matrix.   (10)

    b) Write short notes on:

        i) Subroutines   (5)

        ii) CALL subroutine   (5)

10. a) Write a program to find the smallest of n numbers.   (10)

    b) Explain briefly about the COMMON equivalent statement.   (10)

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