

E 9102

B.Sc. (Applied Science) DEGREE EXAMINATION, NOVEMBER/DECEMBER 2005.

First Year

Apparel and Fashion Technology

FT 1.7 — COMPUTER PROGRAMMING

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is stored programme concept?
2. Convert the given decimal number to hexadecimal number and hexadecimal number to decimal number
 - (a) $(29.45)_{10}$
 - (b) $(1D5.A6)_{16}$.
3. Briefly write about light pen.
4. What is optical character reader? Give its uses.
5. Differentiate: Compiler and Assembler.
6. Write about flow chart symbols.
7. State any two merits and demerits of windows operating system.
8. Give short keys for text search, go to, undo, bold options.
9. Briefly discuss painting.
10. What is coral draw? Mention its uses.

PART B — (5 × 16 = 80 marks)

11. (i) Discuss the evolution of computers. (8)
- (ii) Discuss all possible classifications of computers. (8)

12. (a) Explain all type of input units with necessary examples and diagrams. (16)

Or

- (b) (i) Explain the plotters. (6)
(ii) Discuss the types of printers with their merits and demerits. (10)
13. (a) (i) What is an operating system? Give the need for an operating system. (7)
(ii) Explain the classifications of operating system with the examples. (9)

Or

- (b) (i) Discuss (1) Assembly language with an example (2) High level language with an example. (4 + 4)
(ii) Write the algorithm and draw the flow chart for sorting the numbers in ascending order. (8)
14. (a) (i) Briefly explain the Data entry procedure using MS word 7.0. (8)
(ii) Write about the following (1) bullets and numbering (2) change case (3) font (4) paragraph. (8)

Or

- (b) (i) Explain all possible operations in tables like merging, deleting, grid size changing etc. (8)
(ii) Discuss the following : (5 + 3)
(1) mail merge
(2) find what and replace options.
15. (a) Explain the uses of tools in coral draw with necessary examples. Give the merits and demerits of it. (16)

Or

- (b) Discuss the tools in photoshops with example applications. Also discuss the merits and demerits of photoshop tools. (16)