Council for Technical Education and Vocational Training
Office of the Controller of Examinations
Sanothimi, Bhaktapur
Regular/Back Exam-2075, Falgun/Chaitra

Program:	Diploma in Information Technology/ Computer Engineering	Full Marks: 80
Year/Part:	I/I (2008+2018+2010)	Pass Marks:32
Subject:	Computer Fundamentals	Time: 3 hrs

Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Attempt (Any Ten) questions.

1) a) What is Computer? What are the characteristics of a computer? Explain. [1+4]

   b) Write down the features of fifth generation computer. [3]

2) Draw the block diagram of a computer. Classify and explain computers on the basis of size. [2+6]

3) Differentiate between SRAM and DRAM. Briefly explain about the structure and working principle of a hard disk. [4+4]

4) a) Write down differences between Analog and digital computer. [5]

   b) Who is known as the father of computer? Why? [3]

5) a) What is a computer virus? Write some virus prevention methods [2+4]

   b) Define antivirus. (website:- arjun00.com.np) [2]

6) What is a computer network? Briefly explain about LAN, MAN and WAN. [2+6]

7) What is a spreadsheet package? Define the following terms related to a spreadsheet package: [3+5]

   i) Work book   ii) Worksheet   iii) Cell Reference

   iv) Formula Bar   v) Cell

8) a) What is an operating system? Explain GUI and CUI. [2+2]

   b) Write the functions of following MS DOS commands: [4]

   i) DIR   ii)MD   iii) CD   iv) CLS

9) What is a search engine? What are the advantages and disadvantages of e-mail? [2+6]

10) What is multimedia? Write some applications of multimedia. What are the advantages and disadvantages of multimedia? [2+2+4]

11) Write short notes on (Any Two) [4+4]

   a) Printer   b) Boot Sector Virus   c) Ms-Word

Good Luck