

Roll No.

Total No. of Questions : 13]

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Paper ID [A0401]

(Please fill this Paper ID in OMR Sheet)

M.Sc. IT (101) (S05 / Old, New) (Sem. - 1st)

COMPUTER FUNDAMENTALS

Time : 03 Hours

Maximum Marks : 75

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Nine** questions from Section - B.

Section - A

Q1)

(15 x 2 = 30)

- a) Define a computer.
- b) Explain hardware.
- c) Distinguish between internal and external memory.
- d) What is the purpose of ALU?
- e) What are peripheral devices?
- f) Distinguish between a character printer and a line printer.
- g) Write the name of four high level languages.
- h) What is the purpose of a compiler?
- i) What is a local area network?
- j) What is the difference between a client and a server?
- k) Write the full form of (a) EPROM, and (b) WWW.
- l) What is spell check in MS Word 2000?
- m) Explain wallpaper.

- n) What is electronic data processing?
- o) What is MS Access 2000?

Section - B

(9 x 5 = 45)

- Q2)** Draw a block diagram of the main units of a computer hardware system. Explain the function of each unit.
- Q3)** Convert hexadecimal number A24.45D into equivalent binary and decimal numbers.
- Q4)** Summarize the advantages of complement representation of a number. Express the number-31 in 1's complement form using 8-bit word.
- Q5)** What is Read Only Memory? Name different types of ROM's. Is ROM a random access memory?
- Q6)** Describe three levels of computer language.
- Q7)** What are general characteristics of C language?
- Q8)** What is Internet? Summarize potential applications of Internet.
- Q9)** Illustrate the working of an interpreter. Give the advantages of an interpreter over the compiler.
- Q10)** Explain the salient features of MS Word 2000.
- Q11)** Explain the steps involved for changing the font style, font size and formatting a character, line and a paragraph in MS Word 2000.
- Q12)** Explain how a chart/graph can be drawn using MS Excel 2000?
- Q13)** Write short note on the following:
 - (a) HTML,
 - (b) Workbook.

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