Roll No. ....

Total No. of Questions : 13]   [Total No. of Pages : 02

Paper ID [A0301]

(Please fill this Paper ID in OMR Sheet)

B.Sc. IT (S05) (101)(Old) (Sem. - 1ˢᵗ)
DCA (101) (New) / B.Sc.IT (104) (New)
FUNDAMENTALS OF INFORMATION TECHNOLOGY

Time : 03 Hours   Maximum Marks : 75

Instruction to Candidates:

1) Section -A is **Compulsory**.

2) Attempt any **Nine** questions from Section - B.

Section - A

(15 × 2 = 30)

Q1)

a) What is the definition of computer?

b) Convert the decimal number 126 into hexadecimal number.

c) What is hamming code?

d) What is the function of program counter?

e) What is the difference between RAM and ROM?

f) What are voice recognition devices?

g) List the types of plotters.

h) What is the difference between computer software and computer hardware?

i) What are the limitations of MS-DOS?

j) Describe file management in windows.

k) How we can enter graphs in PowerPoint?

l) How we can insert table in word document?

m) What is cell?

n) What is sorting?

o) What is compiler?

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Section - B

(9 × 5 = 45)

Q2) Draw the block diagram of computer and explain all the components of computer.

Q3) Explain various error detecting and correcting methods.

Q4) What is the advantage of secondary storage? Explain various secondary storage devices.

Q5) What is associative memory? Explain its advantages.

Q6) What is input device? Describe different input devices in detail.

Q7) What are the main features of PowerPoint?

Q8) Compare windows operating system with MS-DOS.

Q9) Explain the features of excel.

Q10) What are different addressing modes? Explain all addressing modes.

Q11) What is assembly language? Give its advantages over machine language.

Q12) What are BCD numbers? How you will compare them with hexadecimal numbers?

Q13) What is operating system? Explain the functions of operating system.

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