Roll No...................   Total No. of Questions   : 05

Total No. of Printed Pages : 02

Code No. : B-289(A)
Annual Examination - 2017
B.Sc. - III
COMPUTER SCIENCE
Paper - I
COMPUTER HARDWARE

Max.Marks : 50

Time : 3 Hrs.   Min.Marks : 17

Note : Attempt one question from each unit. All questions carry equal marks.

Unit-I

Q.1   With the help of integration of functional blocks of a micro-computer explain the working of each block.

OR

With the help of relevant diagrams discuss the addressing of memory and I/O ports and their mapping.

Unit-II

Q.2   Draw the block diagram of PC and explain the working of different parts. Discuss hardware interrupts.

OR

Explain how the data is organized in hard disk. Write short note on video displays of PC.

Unit-III

Q.3   Write about the BIOS services and software interrupts.

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OR

Explain the installation of windows with important system files.

Unit-IV

Q.4   Explain logical structure of hard disk. Discuss about PAI files.

OR

Explain how the OS works. Discuss memory allocation.

Unit-V

Q.5   Explain about interrupt vector table in personal computer and about ISR.

OR

Explain how to write filters to sun under DOS. Discuss in brief about networking features.