BSc DEGREE EXAMINATION DECEMBER 2017
(Fourth Semester)

Branch – **MATHEMATICS WITH COMPUTER APPLICATIONS**

PC HARDWARE

Time : Three Hours   Maximum : 75 Marks

SECTION-A (20 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** marks   (10 x 2 = 20)

1   What is a PC?
2   Expand SMPS, USB.
3   Name the volatile and non-volatile memory.
4   Write the functions of floppy disk controller.
5   Write any two types of input devices.
6   What is the purpose of scanner?
7   What is a plotter?
8   Expand CGA and SVGA.
9   Write the problems in key board.
10   What is meant by Internet?

SECTION - B (25 Marks)
Answer **ALL** Questions
ALL Questions Carry **EQUAL** Marks (5 x 5 = 25)

11 a   Explain about IEEE 1394 fire wire.
                    OR
    b   Explain about USB port.

12 a   Explain about magnetic storage fundamentals briefly.
                    OR
    b   Explain about floppy disk controller.

13 a   Explain about Mouse.
                    OR
    b   Explain about video on PC briefly.

14 a   Explain about VGA.
                    OR
    b   Write a short notes on plotter.

15 a   Write the problems in keyboard.
                    OR
    b   Write the problems in Hard-disk drive.

SECTION - C (30 Marks)
Answer any **THREE** Questions
ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

16   Explain any four functional blocks of motherboard.

17   Explain about PC memory organization.

18   Explain about sound blaster.

19   Explain the functioning of LASER printer.

20   Explain briefly about the faults in computer.

Z-Z-Z   END