

Total No. of printed pages = 4

Co-503/CM/5th Sem/2018/M

COMPUTER MAINTENANCE

Full Marks – 35

Time – Two hours

The figures in the margin indicate full marks for the questions.

PART – A

Marks – 12

1. Answer very briefly : 1×7=7
- (i) Define firmware.
 - (ii) State the function of PCI slot.
 - (iii) What is POST ?
 - (iv) Name the different types of UPS used.
 - (v) Where are SATA cables connected ?
 - (vi) State the full form of CMOS.
 - (vii) Why do we need a logic probe ?

[Turn over

2. Choose the correct option : 1×5=5

(i) VGA stands for

(a) Visual Graphics Adapter

(b) Video Graphics Adapter

(c) Video Graphics Array

(d) None of the above

(ii) Hardware testing and loading of OS is known as

(a) Self testing (b) POST

(c) Booting (d) None of these

(iii) Vacuum tube is related to

(a) CRT (b) TFT

(c) OLED (d) None of these

(iv) 1 ft = ? inch

(a) 12.56 (b) 12.58

(c) 12 (d) 15

(v) port transfers large amount of data at very fast speed.

(a) USB port

(b) PS/2 port

(c) fireware port

(d) serial port

PART – B

Marks – 23

3. Answer any *five* questions : 2×5=10

(i) Briefly explain the difference between Online and Offline UPS.

(ii) State the function of an oscilloscope.

(iii) Mention the purpose of SMPS in a PC.

(iv) State one difference between laser mouse and optical mouse.

(v) List the basic components required to connect two PCs.

(vi) What is a port ?

4. Differentiate between desktop and laptop. 3
5. Write a brief note on impact and non-impact printers. 5
6. List and state the functions of five basic components of motherboard. 5