

Total No. of printed pages = 3

Co-503/CM/5th Sem/Comp/2017/M

COMPUTER MAINTENANCE

Full Marks – 35

Pass Marks – 14

Time – Two hours

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

Answer question No.1 and any *five* from the rest.

1. (a) Draw the block diagram of the motherboard and explain the function of each of the components. 8
- (b) State the function of
 - (i) HDMI port
 - (ii) USB port 2
2. State the basic steps to assemble a PC. 5

[Turn over

3. Mention the function of

(a) SMPS

(b) UPS

5

4. Briefly state the function of the following tools :

(a) Chip inserter

(b) Soldering iron

(c) Logic probe

(d) Ammeter

(e) Outlet tester

5×1=5

5. What are the different sections present in a laser printer ? Identify and write their functions.

5

6. (a) Differentiate between CRT and LCD monitors. State at least three points. 3

(b) What is booting and POST. 2

7. (a) Write the expanded forms of the following :

2

(i) SCSI

(ii) SATA

(iii) CMOS

(iv) PATA

(b) What could be the solution if you get a blue screen while working with your PC ? 3