Total No. of printed pages = 2

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. Answer in brief : (any *five*)   5×2=10

   (a) Explain the use of a logic probe.

   (b) What is the function of an Oscilloscope ?

   (c) Define POST.

   (d) Differentiate between ONLINE UPS and OFFLINE UPS.

   (e) Identify and mention the different sections of a SMPS.

   (f) Differentiate between cold booting and warm booting.

[Turn over

2. Identify the various major components of the motherboard and mention its function. (Identify at least five components). 5

3. List the different steps to assemble a new PC. 5

4. What are the various communication ports available in a PC and how are they functionally different from each other ? 5

5. Mention the names and functions of the different sections of an inkjet printer. 5

6. Explain the various parts of a 5
   (i) keyboard
   (ii) mouse.

7. Identify and mention atleast five salient points which differentiates a Desktop and Laptop except portability. 5

8. Which section of a PC is difficult to trouble shoot and why ? 5