

Total No. of printed pages = 3

ECE-3205/PCM&W/6th Sem/2013/M

PC MAINTENANCE AND WORKSHOP

Full Marks – 100

Pass Marks – 30

Time – Three hours

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

Answer any *five* questions.

1. (a) What is operating system ? Describe the functions of operating system. 5
- (b) Define application of system software. Give example. 5
- (c) Briefly describe about driver software. 5
- (d) Explain disk defragmentation. 5
2. (a) Briefly describe about the external ports, slots and connectors of a motherboard.

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- (b) Write short notes on the following : 5
- (i) Sound card
 - (ii) Ethernet card.
- (c) Define memory and types of memory of the computer. 5
3. (a) Describe about LAN, MAN and WAN. 8
- (b) What is the colour sequence of crossover cable connection of LAN? 4
 - (c) What is internet? What are the services provided by internet? 8
4. (a) Explain in brief AT, Baby AT and ATX motherboard. 6
- (b) Draw a motherboard and specify the main components of it. 10
 - (c) Write the function of an external hard drive. 4
5. (a) Describe about Scanner, Dot-matrix printer, Inkjet and Laser printer. 10
- (b) Explain Star, Bus, Mesh and Ring topology. 10

6. (a) Write the steps for installing Windows XP in your PC. 10
- (b) Draw a hard disk drive and specify the main parts. 10
7. (a) How to maintain your PC for better performance briefly describe. 10
- (b) What are the causes for display problem (no display on monitor) and how to solve ? 10