Q.24 Name & explain any two operating systems.

Q.25 What is a firewall? Explain.

Q.26 Explain the role of antivirus in a PC.

Q.27 Explain any two input devices with construction.

Q.28 What is a Programming Language? Explain with example.

Q.29 Explain IEEE standards for LANS.

Q.30 Explain the difference between http & https.

Q.31 What is a video adapter? Explain.

Q.32 Explain the construction & working of any two types of printers.

Q.33 Explain serial & parallel ports / bays with examples.

Q.34 Explain interface systems & standards.

Q.35 What is DNS? Explain.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

Q.36 Explain RS-232-C in detail.

Q.37 Explain PPI Chip 8155 in detail with pin diagram.

Q.38 Explain the concept of ATM networks in detail.

ECE
Subject:- PC Maintenance and Repair

Time : 3Hrs.   M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

Q.1 MATLAB is a type of computer_____
   a) hardware
   b) software
   c) both hardware & software
   d) none of these

Q.2 A bug is also known as computer_____
   a) program   b) data
   c) virus   d) none of these

Q.3 Expand PCI
   a) programmbale component interact
   b) parallel component interact
   c) peripheral component interconnect
   d) none of these

Q.4 A floopy disk stores_____ MB of data
   a) 1.44 bytes   b) 1.44 kb
   c) 1.44 Mb   d) none of these

Q.5 VCD stands for_____
   a) Volume Compact Disk
   b) Value Compact Disk
   c) Vedio Compact Disk
   d) none of these

Q.6 ROM is an example of_____ memory
   a) permanent
   b) volatile
   c) both permanent & volatile
   d) none of these

Q.7 Keyboard, mouse are types of _____
   a) output devices
   b) input devices
   c) both input & output devices
   d) none of these

Q.8 Expand MODEM
   a) modulator
   b) demodulator
   c) modulator demodulator
   d) none of these

Q.9 Expand RAM
   a) Read Access Memory
   b) Random Access Memory
   c) Rough Access Memory
   d) none of these

Q.10 Expand TCP/IP
   a) Transmit Cell Protocol/Identity Protocol
   b) Transmission control Protocol/ Internet Protocol
   c) Tentative Control Protocol/Identify Protocol
   d) none of these

SECTION-B

Note: Objective type questions. All questions are compulsory.   (10x1=10)

Q.11 A DVD can store _____data

Q.12 Expand SNMP_____

Q.13 Function of computer antivirus is_____

Q.14 Ubuntu is an example of_____

Q.15 Expand COMPUTER

Q.16 Expand PPI_____

Q.17 Primary difference between ISA & EISA_____

Q.18 Blu-ray can store _____data

Q.19 Name a volatile memory_____

Q.20 WWW stands for_____

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions.   (12x5=60)

Q.21 Explain the origin of PC.

Q.22 Explain network topologies.

Q.23 Explain the difference between EISA & VESA.