Q.33 What is Hard Disk Drive? Explain storage architecture of HDD.

Q.34 What do you mean by Bus? Explain any two bus with example.

Q.35 Describe Origin of Personal Computer.

SECTION-D

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

Q.36 Write short note on the following:

a. Microprocessor   b. WWW

Q.37 What do you mean by Memory secondary device? Explain various types of secondary storage devices with diagram in detail.

Q.38 Explain programmable Peripheral interface chip-8155 with pin diagram in detail.

5th Sem / Branch : Electrical Engineering
Subject:- PC Maintenance & Repair

Time : 3Hrs.   M.M. : 100

SECTION-A

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

Q.1 Hardware can work without device drivers.

a) True   b) False

Q.2 Which programming language is classified as low level language?

a) Basic , COBOL, Fortan

b) Prolog

c) C, C++

d) Assembly Language

Q.3 Which of the following is not Anti-Virus software?

a) NAV   b) Oracle

c) McAfee   d) F-Pro7

Q.4 Which devices is required for the internet connection?

a) Joystick   b) Modem

c) CD-Drive   d) Mouse

Q.5 Which is of the following is a storage device?

a) Tape   b) Hard drive

c) Floppy Disk   d) All

Q.6   A..............is a microprocessor based computing device.
    a)   Personal Computer b)   Workstation
    c)   Mainframe   d)   Server

Q.7   Firewall are to protect against
    a)   Virus attack   b)   Fire back
    c)   Unauthorized access d)   Data drive attack

Q.8   ATM standard defines...............layers
    a)   2   b)   4
    c)   3   d)   5

Q.9   Memory unit is a part of
    a)   Output device   b)   CPU
    c)   Control Unit   d)   Input device

Q.10   With a CD, You can...............
    a)   Read
    b)   Write
    c)   Both read and write
    d)   None of the above

SECTION-B

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

Q.11   Define the term Serial Port.

Q.12   What is RAM?

Q.13   What do you mean by Firewall?

Q.14   What is Computer Network?

Q.15   Define URL.

Q.16   VISA stands for............

Q.17   Write the full form of PCMCIA

Q.18   Write two uses of Operating System.

Q.19   What is Protocol?

Q.20   What do you mean by Compact Disk?

SECTION-C

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

Q.21   Describe IAS Bus Architecture with diagram and its functions.

Q.22   Write a short note on IEEE Standard for LAN.

Q.23   What is computer virus? Explain various types of virus and how does it spread.

Q.24   What is the difference between Low Level Language and High Level Language?

Q.25   Explain the concept of ATM Network in detail.

Q.26   Differentiate between EISA and VISA

Q.27   Write a short note on HTTP.

Q.28   Describe various Network Topologies with diagram in detail.

Q.29   Explain peripheral Control & Memory Control of chipsets and control circuit in detail.

Q.30   List various benefits of computer in today scenario.

Q.31   Discuss any three Input Device with diagram.

Q.32   Explain IEEE 1284 in detail.