VITHALBHAI PATEL & RAJRATNA P.T. PATEL SCIENCE COLLEGE
VALLABH VIDHYA NAGAR

S.Y. B.Sc. SEM: IV	**INTERNAL TEST**	**DATE: 20th March. 2015**
SUB: ELECTRONICS		**TIME: 10:30 Am to 11:30 Am**
SUB CODE: US04EELE01		**TOTAL MARKS: 25**

Q. 1 Choose the correct answer. [03]

(1) In a star network all devices are connected to _____ .

    (A) Ethernet   (C) Internet

    (B) Routers   (D) Hubs

(2) DOS is a _____ bit operating system.

    (A) 8   (C) 64

    (B) 32   (D) 16

(3) Program made available in ROM on the hardware are known as _____ .

    (A) Assembler   (C) System software

    (B) Complier   (D) Firmware
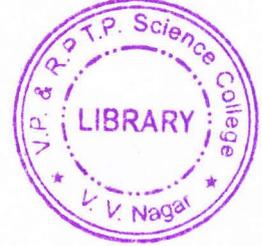
Q.2 Answer the following in short.(Attempt any two, each two marks) [04]

(1) List different types of operating system and explain any one in brief.

(2) List different use of network and explain any one in brief.

(3) How many types of software are there, define each.

Q.3 Write a note on machine language. [06]

OR

Q.3 Write a note on assembly language. [06]

Q.4 Write a note on embedded operating system. [06]

OR

Q.4 Write a note on DOS (disk operating system). [06]

Q.5 List different type of network topologies and explain any two with diagram. [06]

OR

Q. 5 Give an account of working of LAN and explain in brief WAN. [06]

****