



A Charutar Vidya Mandal's Institution
V.P. & R.P.T.P. SCIENCE COLLEGE
(AUTONOMOUS) (Grant-in-Aid)
Affiliated to Sardar Patel University
VALLABH VIDYANAGAR-388120



Bachelor of Science (Semester I) Internal Examination - 2024
US01SEELE01: Fundamentals of Computer Hardware-1

Date: 7TH October 2024, Monday
Time: 11:00 AM to 12:00 PM

Total Marks: 20

Q.1 Multiple choice questions (Attempt All) 06

- 1 Executions of instructions take place during processing operation in _____.
(A) Arithmetic and logic unit (B) Control unit
(C) Input unit (D) Storage unit
- 2 _____ register holds the address of the next instruction to be executed.
(A) Memory address (B) Program control
(C) Memory buffer (D) Instruction
- 3 Each storage locations can store fix number of bits called _____.
(A) cell (B) Location
(C) word (D) all of above
- 4 How many bytes are there in One Kilobytes?
(A) 1000 (B) 1024
(C) 1048 (D) 1012
- 5 Which of following have faster rate of transfer?
(A) Magnetic Tape. (B) Magnetic Disk.
(C) Optical Disk. (D) SD Card.
- 6 CD drives reads data from disk with the help of _____.
(A) Head. (B) LASER.
(C) Lamp. (D) Electric Charge.

- Q.2 Draw the block diagram of computer system and explain working of each block. Explain why computer is called a system. 08**

OR

- Q.2 Define RAM, ROM, PROM, EPROM and CACHE memory and explain each in detail. 08**

- Q.3 Write a note on various types of optical disks. List typical uses of optical disks. 07**

OR

- Q.3 Write a note on magnetic Disk storage device. 07**