



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 2) External Examination - 2025
US02SEELE01 Fundamentals of computer hardware – 2

Date: 11-04-2025, (Friday)

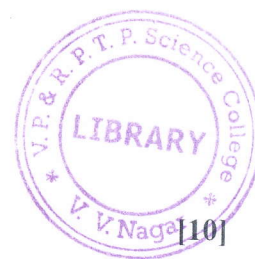
Time: 2:00 PM to 3:30 PM (1.5 Hrs.)

Total marks: 25

NOTE: - Figures on the right indicates marks.

Q-1 Write the most appropriate answer from the following multiple-choice questions. (Attempt all) [05]

- (1) Which of the following key is used to get help in most of software?
(A) Esc. (B) F1.
(C) Enter. (D) Mouse double click.
- (2) Which type of software can translate scanned text into text that you can edit?
(A) OCT. (B) OCS.
(C) OCR. (D) OCT
- (3) The back surface of a CRT monitor's screen is coated with _____.
(A) Paint. (B) Varnish.
(C) Metal. (D) Phosphors.
- (4) Which color is produced when we do subtractive mixing of Red, Green and Blue colors?
(A) Black. (B) Gray.
(C) Yellow. (D) White.
- (5) The term "dpi" refers to printer's _____.
(A) Pressure. (B) Resolution.
(C) Speed. (D) Output.



Q.2 What is MICR? In brief explain its working with necessary diagrams.

OR

Q.2 Explain working of Mechanical and Optical mouse. [10]

Q.3 Write a note on the important point for the selection of printers. Explain how images are produced in dot matrix printers? [10]

OR

Q.3 What is the difference between an impact printer and a nonimpact printer? Write a note on ink jet printers with diagrams. [10]