

No of printed pages: 01

Seat No.:



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 II) Internal Examination - 2025
US02MACSC01 : SUBJECT NAME: COMPUTER FUNDAMENTALS-II

Date:04/03/2025 Day: Tuesday

Time: 12:45PM to 2:15PM

Total marks :30

Note: Figures to the right indicate marks of the question.

Q-1 Write the most appropriate answer from the following multiple-choice questions. [06]

1 Character code ASCII is _____

- (a) 7-bit code (b) 9-bit code
(c) both a & b (d) None of these

2 _____ has two or more CPUs sharing a common memory

- (a) Multiple processors (b) Array Processors
(c) Multifunction units (d) All of above

3 De Morgan's first theorem says that a NOR gate is equivalent to a _____

- (a) bubbled OR (b) bubbled AND
(c) bubbled NOR (d) AND bubbled

4 What is the row limit of MS Excel 2019?

- (a) 4,81,0576 (b) 1,048,576
(c) 1,57,648 (d) 1,63, 84

5 A file that contains one or more worksheets to organize data is known as _____

- (a) Workbook (b) Excelbook
(c) Datasheet (d) Spreadsheet

6 Slide Transaction can be apply to:

- (a) Current Slide (b) Selected Slides
(c) All Slides (d) All of the above

Q-2 Explain the storage representation of integers in Signed and Magnitude and 1's complement methods. [06]

OR

Q-2 Write short note on followings: (i) Array processor. (ii) Multifunctional units [06]

Q-3 Explain AND, NOR, NAND, OR, NOT, XOR, XNOR gate. [06]

OR

Q-3 Simplify Boolean expression and draw circuit for: $ABC' + ABC + A'BC$ [06]

Q-4 What is spreadsheet? Discuss benefits and applications of MS Excel spreadsheet [06]

OR

Q-4 Explain different types of chart supported by MS Excel [06]

Q-5 Discuss components of MS PowerPoint [06]

OR

Q-5 Explain various presentation views available in View Tab. [06]

