



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
US02MACSC01: Computer Fundamentals -II

Date: 08-04-2025, (Tuesday)

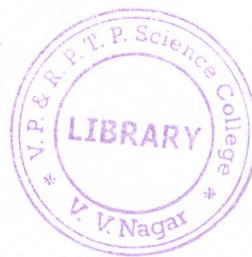
Time: 02:00 PM to 04:30 PM (2.5hrs)

Total marks: 50

Q-1 Write the most appropriate answer from the following. MCQ.

[10]

1. In Signed and Magnitude method '0' represents ____.
(A) +ve (B) -ve
(C) both (a) & (b) (D) None
2. In odd parity, the number of 1's is ____.
(A) even (B) odd
(C) both (a) & (b) (D) None
3. Character code ASCII is ____.
(A) 7-bit code (B) 9-bit code
(C) both (a) & (b) (D) None
4. Invert gate has only ____ input and ____ output.
(A) Two, One (B) One, Two
(C) One, One (D) None
5. An invert gate is also called a ____ gate.
(A) NOR (B) NOT
(C) XNOR (D) NAND
6. De Morgan's second theorem says that a NAND gate is equivalent to a ____.
(A) bubbled AND (B) bubbled NAND
(C) bubbled NOR (D) bubbled OR
7. What is the row limit of MS Excel 2019?
(A) 4,81,0576 (B) 1,57,648
(C) 1,048,576 (D) 1,63, 84
8. What do Excel formulas start with?
(A) / (B) f
(C) = (D) -
9. A PowerPoint design template is stored in any file with ____ extensions.
(A) .pot (B) .ptt
(C) .dtp (D) .ppt
10. Which of the following is used to see all slides at once?
(A) Using slide sorter view (B) Using slide view
(C) Using slide view (D) None



Q-2 Explain the storage representation of integers in Signed and Magnitude and 1's complement methods. [10]

OR

Q-2 What is parallelism? Explain (i) Array processor. (ii) Multifunctional units. [10]

Q-3 Explain AND, NOR, NAND, OR, NOT gate. [10]

OR

Q-3 Explain Multiplexer and Demultiplexer. [10]

Q-4 What is spreadsheet? Discuss various features offered by spreadsheet. [10]

OR

Q-4 Explain components of spreadsheets. [10]

Q-5 What is PowerPoint? Explain its features and applications. [10]

OR

Q-5 Explain various presentation views available in View Tab. [10]

===XXX===

