

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 Computer Application (Semester 1) External Examination - 2024
US01SEBCA09 : Fundamentals of Computer Organization

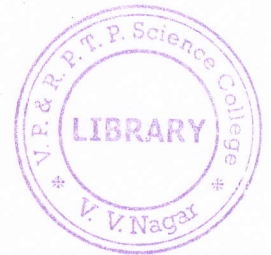
Date: 22-11-2024, (Friday)

Time: 11:00 AM to 12:30 PM (1.5 HRS.)

Total marks :25

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

- (1) PC stands for _____.
 - (a) Program Center
 - (b) Program Control
 - (c) Program Counter
 - (d) Program Computer
- (2) ASCII equivalent of a 9 is _____.
 - (a) 56
 - (b) 57
 - (c) 58
 - (d) 59
- (3) What is the full form of USB?
 - (a) Universal Serial Bus
 - (b) Universal System Bus
 - (c) Uniform System Bus
 - (d) None of these
- (4) The addressing mode, where you directly specify the operand value is _____.
 - (a) Direct
 - (b) Indirect
 - (c) Register
 - (d) Immediate
- (5) A _____ memory is a computer storage device that can store data for short periods of time.
 - (a) Cache
 - (b) Flash
 - (c) Magnetic disk
 - (d) Optical disk



Q-2 List and explain methods for Representation of Integers. [10]

OR

Q-2 Write a note on CPU Organization (Von Neumann Machine) and Array Processor with diagram. [10]

Q-3 What is Primary Memory? List different types of Primary memory and explain in detail. [10]

OR

Q-3 List and explain various output devices in detail. [10]