



24CS-BCAP-MI-01-01003

Seat No. _____

BACHELOR OF COMPUTER APPLICATION-CS Examination
BCA - CS SEMESTER-1 JANUARY 2026 (NEP) JANUARY - 2026

C F & EMERGING TECHNOLOGIES

Faculty Code : 017

Subject Code : 24CS-BCAP-MI-01-01003

Time : 2 Hours]

[Total Marks : 50

- Q.1 Attempt the following. 3
- (A) (1) Give the full form of CPU.
(2) Give full form of EPROM
(3) The Arithmetic and Logic Unit (ALU) performs _____ and logical operations.
- Q.1 Attempt any one of the following. 2
- (B) (1) What are analog and digital computers?
(2) Write the difference between RAM and ROM.
- Q.1 Attempt any one of the following. 5
- (C) (1) Explain the characteristics of a computer.
(2) Explain the history and generations of computers from first to fifth generation.
- Q.2 Attempt the following. 3
- (A) (1) Give the full form of MICR.
(2) A group of sectors is called a _____.
(3) A USB pen drive is a magnetic storage device. True or False?
- Q.2 Attempt any one of the following. 2
- (B) (1) What are tracks and sectors?
(2) Define an input device. Give any two examples.
- Q.2 Attempt any one of the following. 5
- (C) (1) What is a scanner? Explain types of scanners.
(2) Explain different types of magnetic storage devices.
- Q.3 Attempt the following. 3
- (A) (1) Give the full form of SGD.
(2) A _____ is used to produce large-scale drawings and maps.
(3) Devices that present processed information to the user are called ____ devices.
- Q.3 Attempt any one of the following. 2
- (B) (1) Differentiate between impact and non-impact printers.

- (2) What is a plotter?
- Q.3 Attempt any one of the following. 5
 (C) (1) Explain different types of output devices with examples.
 (2) Explain impact printers with examples.
- Q.4 Attempt the following. 3
 (A) (1) Give the full form of ASCII.
 (2) One byte is equal to _____ bits.
 (3) What is a parity bit?
- Q.4 Attempt any one of the following. 2
 (B) (1) What are the differences between a compiler and an interpreter?
 (2) What is computer language? Explain machine-level language.
- Q.4 Attempt any one of the following. 5
 (C) (1) Explain types of operating systems in brief.
 (2) Explain uses and applications of software packages.
- Q.5 Attempt the following. 3
 (A) (1) Give the full form of GIS.
 (2) Give the full form of CPM.
 (3) CDMA and GSM are mobile communication technologies. True or False?
- Q.5 Attempt any one of the following. 2
 (B) (1) Define computer virus.
 (1) What is backup and restore?
- Q.5 Attempt any one of the following. 5
 (C) (1) Explain cloud computing with IaaS, SaaS and PaaS.
 (2) Explain communication devices in brief.

::: END OF EXAM :::