

# Examination Paper

Program: MCA Semester: SEM I

Time: 30 min Marks: 50

Date: 2023-09-28 Course: Technical

Answers All Questions

Instructions to the candidates

- 1) Figures to the right indicate full mark.
- 2) Use black or blue ballpoint pens, and avoid gel pens and fountain pens for filling the sheet
- 3) Darken the bubbles completely. Do not put a tick mark or a cross mark where it is specified that you fill the bubbles completely. Half filled or over filled bubbles will not be read by the software.
- 4) Never use pencils to mark your answers unless specified, in which case just stick to HB or 2B pencils only.

1. Which of the following is a programming language?

- (A) Python
- (B) Photoshop
- (C) Microsoft Word
- (D) Adobe Illustrator

2. What is the term used for a block of code that is executed repeatedly until a certain condition is met?

- (A) Python
- (B) Photoshop
- (C) Microsoft Word
- (D) Adobe Illustrator

3. Which data structure is used for storing a collection of elements in a non-linear fashion?

- (A) Python
- (B) Photoshop

(C) Microsoft Word

(D) Adobe Illustrator

4. Which operator is used for exponentiation in most programming languages?

(A) Python

(B) Photoshop

(C) Microsoft Word

(D) Adobe Illustrator

5. Which programming language is used for developing Android apps?

(A) Python

(B) Photoshop

(C) Microsoft Word

(D) Adobe Illustrator

6. Which of the following is not a valid variable name in most programming languages?

(A) Python

(B) Photoshop

(C) Microsoft Word

(D) Adobe Illustrator

7. Which of the following is a type of sorting algo

(A) Python

(B) Photoshop

(C) Microsoft Word

(D) Adobe Illustrator