

**M.V.P.'s**  
**K.G.D.M. Arts, Commerce & Science College, Niphad**  
**F.Y.B.Sc (Comp. Sci.) (CBCS Pattern) SEM-II**  
**Internal Exam-April 2025**

**Subject: -CS 201 Advance 'C' Programming**

**Date: 23/03/2026**

**Marks-20**

**Q1) Short Answer Questions (any 4)**

**(4-Marks)**

1. What is a pointer?
2. Name any two dynamic memory allocation functions.
3. What is an array of strings?
4. What is a union?
5. What is nested structure?
6. Which function compares two strings?

**Q2) Long Answer Questions(any 4)**

**(16 -marks)**

1. Explain different types of pointers in C.
2. Explain declaration and initialization of strings.
3. Differentiate between structure and union.
4. Explain union with example.
5. Explain memory leak and dangling pointer.

-----Best Of Luck-----