



# AJEENKYA

## D Y PATIL UNIVERSITY

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### End Term Examinations (December 2018)

**School:** School of Information Technology      **Program:** B.Sc. Gaming

**Course:** Introduction to C Programming      **Course Code:** CSC113

**Semester:** I      **Max Marks:** 50      **Duration (mins):** 90

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#### Section A

**Q1. Answer the following. (Any Five)**

**10 Marks**

- Define datatype with example.
- List two difference between algorithm and flowchart.
- Define pointer with example.
- List two difference between single and multidimensional array.
- List and explain two operators of pointer
- List four graphics function.
- List two difference between array and structure.

#### Section B

**Q2. Answer the following (Any Four)**

**20 Marks**

- Write a program to print multiplication table of 10 using for loop.
- List five difference between machine language and high-level language.
- Write a program to design 10 concentric circle using graphics circle.
- Define function. Write a program to calculate area of rectangle using function.
- Write a program for multiplication of two matrix using multidimensional array.
- List and explain control statement in C programming.

**Section C**

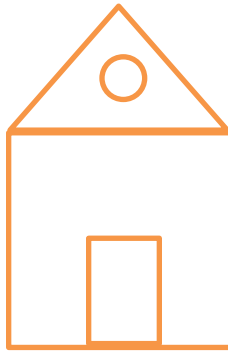
**Q3. Answer the following (Any Two)**

**20 Marks**

- a) Design the flowchart and algorithm to swap to number.
- b) Write a program to create an employee structure in C to store the details of five employee.
- c) Write a C program to design pyramid.

1  
2 2  
3 3 3  
4 4 4 4  
5 5 5 5 5

- d) Write a program to design following using graphics



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