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First Year BBA(CA)
BBA12404: Advance 'C' Programming
(Semester II)

Program: BBA (Computer Application)
Program Specific: BBACA07
Course Type: Major (Mandatory)
Paper: II

Credits: 2
Time: 2 Hours
Max. Marks: 30
SET: A

Instructions to the candidate:

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Draw a well labelled diagram wherever necessary.

SECTION: A

Q1) Answer the following

[5 X 1= 5M]

- 1) The size of union is determined by the size of the....
 - a) First member in the union
 - b) Last member in the union.
 - c) Biggest member in the union
 - d) Sum of the size of all members.
- 2) Which of the following function is used to open a specific file.
 - a) fscanf()
 - b) fprintf()
 - c) fgets
 - d) fopen()
- 3) If the mode includes 'b' after the initial letter, what does it indicates?
 - a) Text file
 - b) big text file
 - c) binary file
 - d) blueprint file
- 4) GUI stands for.....
 - a) Graphical User Interaction
 - b) Graphical User Interface
 - c) Graphical Uniform Interchange
 - d) Graph Uniform Interconnection
- 5) Pixel are arranged in.....
 - a) Three-dimensional grid
 - b) two-dimensional grid
 - c) one-dimensional grid
 - d) both (a) & (b)

SECTION: B

Q2) Write in one line statement (Attempt any 5)

[5 X 1 =10M]

- 1) Which function is used to draw line?
- 2) Explain the use of rewind() function in files?
- 3) What is file? What are its types?
- 4) What are basic file opening mode?
- 5) Define Union.
- 6) Enlist different types of users define functions.
- 7) What is enum?

SECTION: C

Q3) Answer the following (Attempt any 4)

[4 X 4 = 16M]

- 1) Write different advantages of union.
- 2) Explain functions with syntax which are used to open and close the file in file management.
- 3) What is Pointer to union? Explain with example.
- 4) Explain classification of computer graphics?
- 5) What is errno? What are different library functions are used during file I/O operations?
- 6) What is typedef? Explain with example.

SECTION: D

Q4) Answer the following (Attempt any 1)

[4 X 1 = 4M]

- 1) Write a C program with union to accept and display customer information.
- 2) Write a C programming source code for ellipse.
