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Question Paper Code: CMB312

MBA II Semester End Examinations (Supplementary) - January, 2018

Regulation: -R16

C Programming

(Master of Business Administration)

Time: 3 Hours

Max Marks: 70

Answer ONE Question from each Unit

All Questions Carry Equal Marks

All parts of the question must be answered in one place only

UNIT – I

1. (a) Explain the following with one example each. [7M]
 - i. Arithmetic operator
 - ii. Relational operator
 - iii. Logical operator
- (b) Design an algorithm to input temperature in degree Fahrenheit(F) and convert it to degree Centigrade(C) using the following formula: [7M]
$$C = (F - 32) \times \frac{5}{9}$$
2. (a) Design a flow chart to check whether the given number is even or odd. [7M]
- (b) Exemplify the iterative statements supported by C Language. [7M]

UNIT – II

3. (a) Differentiate call by value and call by reference usage to swap two numbers [7M]
- (b) What is an array? How 1-d and 2-d arrays are declared and initialized. Give example for each. [7M]
4. (a) List and discuss the categories of functions considering the parameter passing and return values. [7M]
- (b) Develop a C program to find the sum of principal diagonal elements of a square matrix. [7M]

UNIT – III

5. (a) Explain the following string handling functions with proper examples: [7M]
 - i. strcat()
 - ii. strstr()
 - iii. strcmp()

- [7M]

<pre> main() { int *ptr; int arr[]=1,2,3,4; ptr=arr; printf(“%d%d”,arr[2],ptr[2]); } </pre>	<pre> main() { int a=10; int *ptr=&a; void *vptr=ptr; *ptr++; *vptr++; printf(“the values are %d%d”,*ptr, vptr); } </pre>
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UNIT – IV

UNIT – V

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