

5283, 5283-O

5283

M. G. V. P. Online Examinations

COMPUTER SCIENCE

Second Paper

(C++ and Object Oriented Programming)

Time : Three Hours

Maximum Marks : 50

Note: Answer five questions in all. Question No. 1 is compulsory. Answer one question from each Unit. Marks allotted to each question are indicated on the right-hand side of the question. <http://www.mgkvponline.com>

1. Give short answers of the following 2x5
- ✓ (a) What is an object? Explain with examples
 - ✓ (b) State the standard library functions of C++
 - ✓ (c) Explain Switch statement with example

- (d) How are arrays declared in C++?
- (e) Define Pointer variable with example.

<http://www.mgkvponline.com>**UNIT-I**

2. What are the basic concepts related to Object Oriented Programming? State and explain the benefits of OOP over the Procedural approach. 10

OR

Explain with examples : 10

- (a) Increment/Decrement operators
- (b) Relational Operators
- (c) Logical Operators <http://www.mgkvponline.com>

What is the hierarchy of the above operators?

UNIT-II

3. (a) Write C++ program to add together two matrices of order (m x n) and to print the resultant matrix. 5
- ✓ (b) Explain nested loops with the help of an example. 5

OR

(3)

✓ Explain with examples ·

- (a) While and Do-while
- (b) If-else statement
- (c) Inline functions
- (d) Friend function <http://www.mgkvponline.com>

UNIT-III

✓ 4. Differentiate between the following : 4+3+3

- (a) Call by Value and Call by Reference
- (b) Automatic and external variables
- (d) Default arguments and constant arguments

OR <http://www.mgkvponline.com>

(a) What are the operations on pointers?

Explain with examples. 4

(b) How is a pointer passed to a function? 3

(d) What are the applications of pointers? 3

UNIT-IV

5. ✓ Write short notes on : 3+3

(a) Constructor and Destructor

(b) Function Overloading

(4)

OR

Describe how stacks, queues and linked lists can be implemented in C++. <http://www.mgkvponline.com>

add

<http://www.mgkvponline.com>

Whatsapp @ 9300930012

Your old paper & get 10/-

पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से