COMPUTER SCIENCE PAPER - II : CS-232
Programming in C++ - I
(23246)

P. Pages : 2

Time : Two Hours

Max. Marks : 40

Instructions to Candidates :
1. Do not write anything on question paper except Seat No.
2. Graph or diagram should be drawn with the black ink pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. All question are compulsory.
5. Figure to right indicates the full marks.

1.   Attempt **any eight**.   8

a)   Which is dynamic memory allocation operation in C++.

b)   Enlist any one application of C++ ?

c)   State the use of scope Resolution Operator.

d)   What is constructor ?

e)   Enlist data types in C++ ?

f)   What is pointer ?

g)   Define class.

h)   What is mean by Inline function.

i)   What is function overloading.

j)   Define inheritance.

2. Attempt **any four.** 8

 a) What is destructor ? Explain in detail.

 b) What is default argument ?

 c) What is operator overloading ?

 d) What is abstract class ?

 e) What is array of object ?

 f) Give syntax of declaring a pointer to function.

3. Attempt **any two.** 8

 a) Explain friend function with suitable example ?

 b) What is access specifiers. Explain each in brief.

 c) Diff. Structure oriented programing and object oriented programing.

4. a) Attempt **any two.** 6

 i) Write C++ prog. to check that the given no is prime or not.

 ii) What are rules of operator overloading.

 iii) Explain pointer to object in brief.

 b) What is encapsulation. 2

5. Attempt **any one.** 8

 a) Write complete C++ prog. to overload f^n add for integer and float addition.

 b) Discuss overloaded constructor and copy constructor in brief.

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