

CLASS: MCA

15A/ 236

St. JOSEPH'S COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI – 620 002

SEMESTER EXAMINATIONS – APRIL 2015

TIME: 40 minutes

MAXIMUM MARKS: 30

SEM	SET	PAPER CODE	TITLE OF THE PAPER
II	2014	14PCA2110	OBJECT ORIENTED CONCEPTS AND C++

SECTION - A

Answer all the questions:

30 × 1 = 30

Choose the correct answer:

- Size of int in C++ is
a) 1 b) 2 c) 4 d) none of the above
- Emphasis of object oriented programming is on _____ rather than procedure.
a) Data b) Variable
c) Methods d) Constructor
- _____ are runtime entities in an object-oriented system.
a) Classes b) Objects
c) Operators d) None
- 'cout' represents the standard output device _____.
a) VDU b) Printer c) Keyboard d) Plotter
- C++ programs will have a secondary filename as _____.
a) tc b) cpp c) C++ d) gcc
- Wrapping of data of different types in a single unit is known as _____.
a) Polymorphism b) Encapsulation
c) Inheritance d) None

7. Dot operator connects the following two entities (reading from left to right).
- a) Class member and a class
 - b) Class object and a class
 - c) Class and a class member of that class
 - d) Class object and a member of that class
8. By default, the members of a class are _____ while the members of a structure are _____.
- a) Public, private
 - b) Private, private
 - c) Private, public
 - d) Public, public
9. _____ always points to the current object.
- a) THIS pointer
 - b) & operator
 - c) -> operator
 - d) None
10. Overloaded functions should differ in _____
- a) Return type
 - b) Name
 - c) If number of arguments same then in their data types
 - d) None
11. Inline function may not work if the function contains _____ variables
- a) Instance variable
 - b) Static
 - c) Final
 - d) None
12. What is the meaning of the declaration? `Int *p;`
- a) *p* is an integer variable
 - b) *p* is a pointer that points an integer
 - c) *p* is a pointer that points an object
 - d) None
13. What will be the parameter for a copy constructor?
- a) int
 - b) float
 - c) char
 - d) none
14. _____ is the operator that cannot be overloaded.
- a) ::
 - b) +
 - c) *
 - d) none

15. Statement 1: constructor cannot be virtual
Statement 2: constructor can have default arguments
- a) Both 1 & 2 were true b) Statement 1 alone is true
c) Statement 2 alone is true d) None of the above
16. How many parameters are there for a default constructor?
- a) 0 b) 1 c) 2 d) None
17. A destructor can have _____ number of arguments.
- a) 0 b) 1 c) 2 d) None
18. Destructors will start with a _____ symbol.
- a) ~ (tilde) b) * c) + d) #
19. _____ inheritance will have more than one base classes used to get a derived class.
- a) Multiple b) Single
c) Multilevel d) Hierarchical
20. Public parts of a class will become private in the derived class with _____ derivation.
- a) Public b) Private
c) Protected d) Default
21. Methods involved in overriding should have _____.
- a) Different arguments b) Different return types
c) Different names d) None
22. Abstract class is created by including at least one _____ function.
- a) Virtual b) Pure virtual
c) Inline d) Friend
23. _____ class is an incomplete class.
- a) Abstract b) Final
c) Static d) None
24. When protected member is inherited in public mode, it becomes _____ in derived class.
- a) Public b) Private c) Protected d) None

25. _____ returns input character.
- a) get()
 - b) get(char*)
 - c) get(int)
 - d) None
26. _____ is used to show trailing zeros.
- a) ios::showzeros
 - b) Ios::showpos
 - c) Ios::showpoint
 - d) None
27. tellp() return_____.
- a) int
 - b) char
 - c) object
 - d) pointer
28. _____ indicates 'go to the end-of-file on opening'.
- a) ios::ate
 - b) ios::out
 - c) ios::trunc
 - d) None
29. Class _____ provides the facilities for formatted and unformatted input.
- a) fstream
 - b) ostream
 - c) istream
 - d) None
30. _____ function reads a whole line of text.
- a) getline()
 - b) getWholeLine()
 - c) line()
 - d) None
