

THREE YEAR BCAS. (CBCS) DEGREE EXAMINATION, APRIL 2018

SECOND SEMESTER

OBJECT ORIENTED PROGRAMMING USING “C++”

Time : 3 Hours

Max. Marks : 75

SECTION – A

Answer any FIVE of the following questions.

(Marks : 5 × 5 marks = 25 marks)

1. What are the applications of OOP?
2. Write about data encapsulation.
3. Explain Bitwise operators.
4. What is array? Explain the advantages of an array.
5. Write a program using classes and objects.
6. Explain about operator overloading.
7. Write about user defined templates arguments.
8. What is a destructor?
9. Explain for loop with example.
10. Explain about template.

SECTION – B

Answer any FIVE of the following questions.

(Marks : 5 × 10 marks = 50 marks)

11. Explain the object-oriented programming. Explain.
12. What is class? Explain the importance and creation of a class with example.
13. Explain the structure of C++ program with an example.
14. What is operator? Explain different type of operators supported by C++.
15. What is array? Explain one-dimensional array with example.

16. Define loop. What are the looping constructs supported by C++?
 17. Explain about Inheritance.
 18. Explain about function templates.
 19. Explain merge sort with examples.
 20. Write a program to find out Biggest Number out of three numbers.
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