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आंतरिक मूल्यांकन परीक्ष 2021-22

(Internal Assessment Examination 2021-22)

कक्षा - BSC IT SECOND YEAR

विषय/प्रश्नपत्र- C++ AND COMPUTER SYSTEM ARCHITECTURE

अधिकतम अंक

नोट :- किसी एक प्रश्न का उत्तर दिजिए, सभी प्रश्नों में अंक समान है।

(Ans. any one question all question carry equal marks)

C++

1. WHAT IS OBJECT ORIENTED PROGRAMMING? WRITE ITS FEATURES
2. WHAT DO YOU MEAN BY OPERATOR? EXPLAIN SCOPE RESOLUTION OPERATOR WITH EXAMPLE.
3. WHAT IS INHERITANCE? BRIFELY EXPLAIN IT'S TYPES

COMPUTER SYTEM ARCHITECTURE

1. CONVERT THE FOLLOWING AS MENTIONED:
 - A. $(100101010)_2 - (?)_8$ [BINARY TO OCTAL]
 - B. $(BCA)_{16} - (?)_{10}$ [HEXA DECIMAL TO DECIMAL]
 - C. $(56)_{10} - (?)_{16}$ - [DECIMAL TO HEXA DECIMAL]
 - D. $(789)_{10} - (?)_8$ - [DECIMAL TO OCTAL]
2. EXPLAIN THE FOLLOWING COMPUTER CODES (ANY TWO)
 - A. ASCII
 - B. GRAY
 - C. EXCESS - 3