

INTEGRAL UNIVERSITY, LUCKNOW
DEPARTMENT OF COMPUTER APPLICATION
ASSIGNMENT 1 2014 -15(Even Semester)

BCA 1st Year\ 2nd Sem
COMPUTER ORGANISATION (IBCA-204)

Last Date of Submission:- 10.02.2015

Q.1 Explain :

- a) Gray Code
- b) Excess-3 Code
- c) Hamming Code
- d) Weighted Code

Q.2 Draw circuit diagram for Half Adder, Full Adder, Half Subtractor and Full Subtractor, Carry Look Ahead adder?

Q.3 Verify Boolean Identities using truth table.

Q.4 What is encoder and decoder? Draw circuit diagram for seven segment display.

Q.5 What is the use of control bits in MUX and DEMUX?

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