

Doon Public School

A Senior Secondary School
Sector- 21, Panchkula. Ph: 0172- 2590514

Assignment-3

Subject: Computer Science

Class: XI

Date: 08-08-2018

INSTRUCTIONS:

- Do the given assignment in your assignment note book.

Q1) Solve the following Boolean expressions using truth table

i) $ABC + A\bar{B}\bar{C} + A\bar{B}C + AB\bar{C} + \bar{A}\bar{B}C$

ii) $X = \bar{A}\bar{B}C + \bar{A}BC + AB\bar{C}$

iii) $A\bar{B}C + \bar{A}BC + AB\bar{C}$

iv) $AB\bar{C} + A\bar{B}C + \bar{A}\bar{B}C$

v) $XY + X(X + Z) + Y(X + Z)$