GATE

1. The following karnaugh map represent a function F

F \\	00	01	11	10
X=0	1	1	1	0
X=1	0	0	1	0

2. A minimized form of the finction F is
   (A) $F = \overline{X}Y + YZ$
   (B) $F = \overline{X}\,\overline{Y} + YZ$
   (C) $F = \overline{X}\,\overline{Y} + Y\overline{Z}$
   (D) $F = \overline{X}\,\overline{Y} + \overline{Y}Z$