

G.V.M's G.G.P.R. COLLEGE OF COMMERCE & ECONOMICS
FARMAGUDI, PONDA-GOA

INTRA SEMESTER ASSESSMENT TEST-III
SEMESTER I
SEPTEMBER 2014

F.Y.B.C.A.
COMPUTER ORGANISATION AND ARCHITECTURES

MARKS:- 15

Duration:- 45 minutes

ANSWER THE FOLLOWING :-

1. What is Optical Memory ? (2 mks)
2. Explain the Data Mapping for RAID 0. (2 mks)
3. Solve the following :- (1 mk x 3 = 3 mks)
 - (a.) $(-7) + (-6)$
 - (b.) $(10011001)_2 = (X)_{10}$
 - (c.) $(73)_{10} = (X)_2$
4. Explain the Three level Cache organization with the diagram. (4 mks)
5. Explain the structure of the Static RAM with the diagram. (4 mks)
