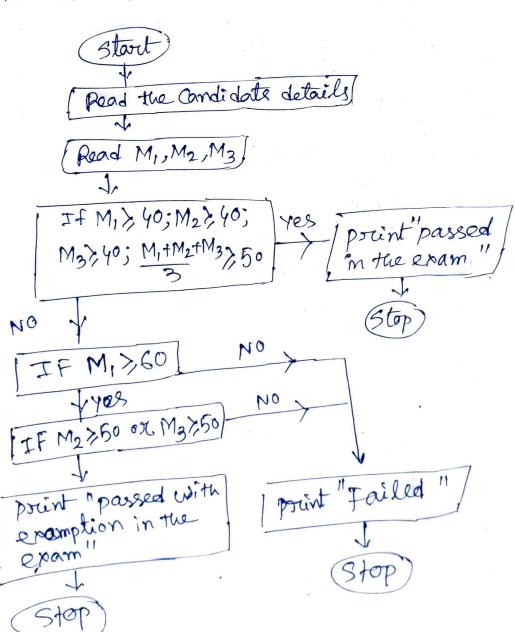
IFôS - 2011 - Paper II

(b) Draw a flow chart to declare the results for the bllowing examination system: 60 candidates Take the exam. Each candidate writers one majox and two minor papers. A candidate is decleared to have passed in the examination if he/she gets a minimum of 40 in all the three papers separately and an average of 50 in all the three papers put to gethers. Permaining condidates fail in the examination with an examption in majox if they obtain 60 and above and examption in each minox if they obtain 50 and more in the minox.

> let M, be the majore subject & M2, M3 are the minor subjects,



8) (b) Draw a flow chood to solve a quadratic agration with non zoro co-efficients. The reacts be classified as real distinct, real repeated and complex => let ax2+bx+e=0 be the quadratic oquation Flow chart -(sland) (Is A=0) > print "The squation is not quadratic." Compute Disc = b-4ae/ 1 Is Disc Lo | Yes | print "The roots are | Complex root" Is Disc =0 / yes | Compute $\chi = -b/2a$ Is Dise >0 Compute $-b + \sqrt{Disc}$ $\chi = \frac{b}{2a}$

Slop

pount 24, 22