Question 03: possible: if the fearible region > . Testing the optimality of the exists but the LP is undownded a boses: in the direction of ophimisalis 2) 82 = {4,5,67 4) The LP has a corner point and 4-5+6 \$ 3 an optimal solution, but no corner Bs isn't a solution point is optimal. e) B2= {3,5,6} Not possible; if there is an 3-5+6 \$3 optimal solution, it must be on Be in 't a solution a corner point or along a line 3) B 3 = {2,3,47 segment between two corner soins 2-3+4/3 in the fer sible region 3 x2 +2 x3 +4 \$9 Question 02: B 3 isn't a Solution (TO 03 Questionos: Suppose an LP has a fearible solution which of the following is not possible: 2) The LP has no corner point possible: an LP can be unbow-X1+x2=3 (Cs) nded, Xx= 2 (C2) 2) The LP has a corner point -2x 1 + x = 2 (C3) that is ophimal Coordinate of People region possible; when the LP is 1 X1+X2=31 a. 1-2x1 + x2 = 1 bounded an has an optimist > solutions Xx= = 1 x== 1 3 s) The LP has a corner point but a(23, 13) there is no optimal solution

