POII NO. 2020 d 005 GOODLUCK Page No. 1 Assignment No.1. Date 26/10/20 [Formulation of Linear Programing Problem] A Hotel owner sells 2-dishes for meals) Que. -chicken & fish. for making 1 plate chicken - 2 masala packets, (2100) packet of salt. (1/2) packet of garlic pest & o. 6 litre of water is required. And for making I plate fish - 1 packet masala, o. 4 packet salt. (1/2) packet garlic pest & 0.5 litre of water is required. But due to certain unforturate conditions he only has - 6 masala packets. 2- salt packets, 2-garlic pest packets 4 2 litres of water and 1 kg chicken & (1/2) kg fish available. On Each plate of chicken he makes 240 of profit & on each plate of fish he makes 352 profit. Formulate the above LPP. [1 plate=2009] From above data, objective function is $Z = 40 \times + 35y$ of of where, x => No Eptates chicken C1 plate = 200 grams) y >> No. of plates of fish. (1 plate = 200 grams)

and constraints are, 2x+y ≤6 $0.2x+0.4y \le 2$ $0.5x+0.5y \le 2$ $0.4x+0.5y \le 2$ 0.22 51 0.24 50.5 & x, y >, 0 muit snot sydeside

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