

20/1/23

TOPIC:- Linear Programming

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★ Group : 81-90
(Roll No)

★ Data :-

- Belgian Waffle is a company that is famous for selling deserts, the most famous among which are their waffles and pancakes. Following is the data pertaining to the preparation of those deserts:
- The profit on selling one plate of waffle is Rs.70 and that on selling one plate of pancakes is Rs35
- The amount of milk that is required in making one waffle is ~~350~~ 100ml and that in making one pancake is ~~200~~ 200ml
- The amount of flour that goes into one waffle is 400gms and that in one pancake is 300gms
- Find the maximum number of plates of waffles and pancakes that can be produced when the total amount of flour ~~and~~ and milk available with the company is 12 kg and 4 ltr respectively assuming that there is no shortage of ingredients in making of these deserts.