

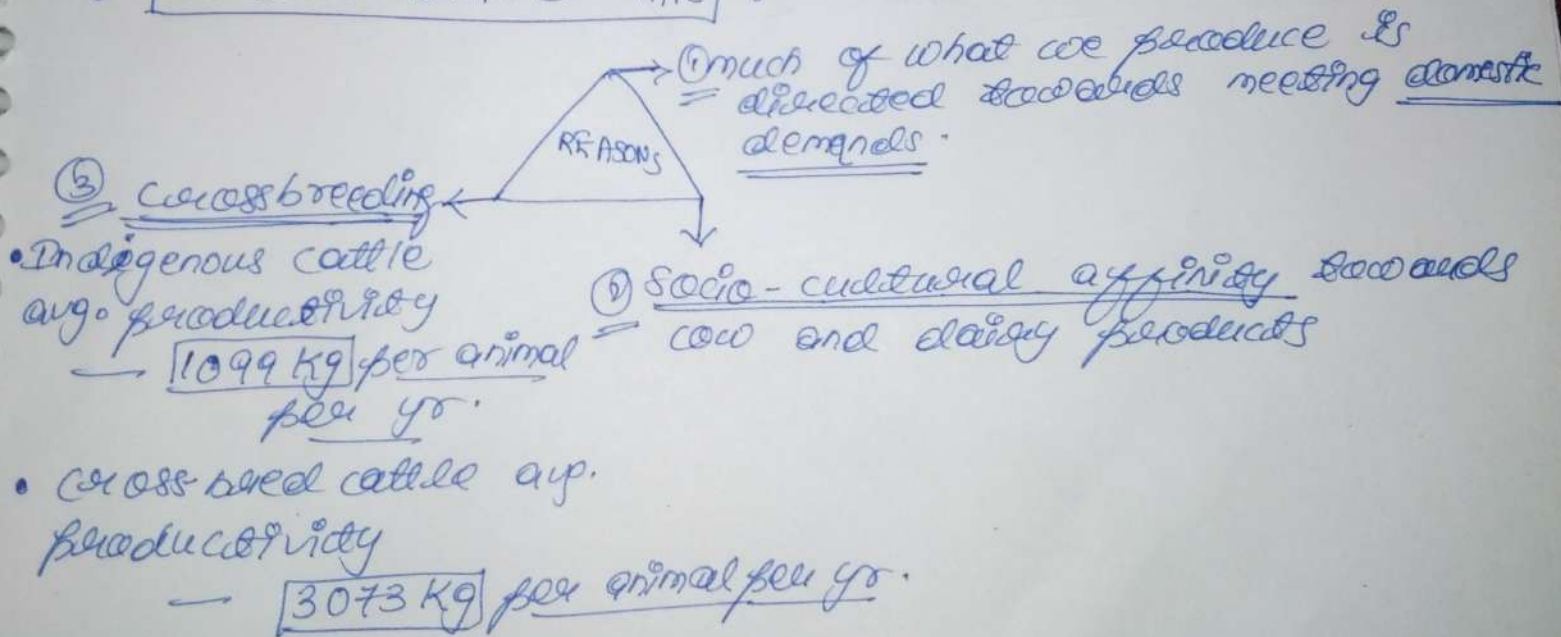
Ques Integral of animal farming with other innova's in technology will result in great transformation of dairy industry in the country. [200 words] Substantiate.

Ans India accounts for about 22% of the world's milk production - with an annual production of 187.75 mln tonnes — 2018-19 date

Transformation of dairy industry in the country has been initiated in 1970 with Operation Flood - which was arguably the world's most ambitious dairy development programme that transformed India from a milk deficit country to one of the largest milk producer / one of the surplus.

However, India is yet to join the ranks of world's major milk exporting nations.

⇒ REASONS BEHIND THIS :-



⇒ SUGGESTIONS :- Adoption of cross-breeding tools;

- In vitro fertilization (IVF)
- Embryo transfer process
- Artificial insemination

With the innovations in technology, the different crossbreeding tools enables greater genetic diversity from a single cow.

In line with this, Govt has launched NAIP (National Artificial Insemination Programme) in phase-wise manner. Under this prog., a 12-digit unique identification number is assigned to every animal of Pashu Aadhaar scheme.

⇒ CONCLUSION :-

In keeping with our ethos of "Jai Kisan, Jai Vigyan", the marriage of animal farming with the latest innovations in technology will usher in unprecedented transformation in our dairy industry, thus making helping towards becoming Atmanirbhar (self-reliant) Bharat with the vision of "make in India" and "make for world".