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DATE: / /

CSS-2020 (Question)

Q:7

Q) What is green revolution? Give a brief account of green revolution in Pakistan. (10 marks)

1) Introduction:-

Green revolution refers to renovation of agricultural practices. It refers to the series of research and development and technological initiatives, occurring between 1960's to present that increased agricultural production worldwide especially in developing countries. In Pakistan, green revolution occurred in 1960's. Green revolution has increased production of crops and somewhat increased the food production resulted in solving the issue of hunger. Before In 1940's, USA import half of wheat to however, with green revolution it becomes exporter in 1960's.

2) Green Revolution in Pakistan:

Green revolution started in Pakistan in 1960's, when Pakistan adopted dwarf varieties of grain. These type of grains were more resilient to climate change, fertilizers. Using this type of new

Grain, Pakistan outperform in food production in South Asian countries. Production of wheat increased and as a result, Pakistan's wheat increased by 79%. Thus, Pakistan's wheat production increased due to it.

3) Pakistan: An Agrarian country:-

Pakistan is an agrarian country. Its population is directly or ~~more~~ indirectly dependent on agriculture in order to meet their basic life necessities. Agriculture sector of Pakistan contributes to a major portion of the economy. Major crops include wheat, maize, rice, cotton, and sugarcane. Especially with the Green Revolution, food production increased and demand for labor also increased. There was an increase in tube wells, supply water, things that are necessary for farming. However, Pakistan's Green Revolution ~~was~~ in Pakistan is not as developed as in other countries.

4) Decline of Green Revolution in Pakistan:-

Following are the reasons for the decline of the Green Revolution in

Pakistan:-

a) Poor farming techniques:-

Farmer in Pakistan overuse the land and making it less fertile for large amount of crops. Moreover, Pakistani farmers are not aware of the use of technology or educated enough to maximize their food production.

b) Inability to use genetic modified seed

Pakistan was unable to create the regulatory systems necessary to monitor the usage of genetically crops along with the fact that they were unable to create them. While on the other hand other South Asian countries used genetically modified crops and able to produce and sell more.

c) Lack of green policies:-

Another reason for the decline is the inability of government to introduce genetically modified seed and lack of investment in infrastructure.

5) ~~Green~~ Revolution: A Dire Need

Pakistan is facing multi-facet challenges. one of them,

was food insecurity. Pakistan agricultural sector is also facing a setback. Recent floods of 2022 also affected this sector. Pakistan now import wheat and other crops from other countries. It is the dire need of hour, to increase productivity in crops and food. Green Revolution in Pakistan can overcome all these challenges. It could increase productivity, increase employment opportunities, close the income gap, ^{effective} irrigation system etc. In a nutshell, it will boom Pakistan economy.

6) Conclusion

P. Conway that, Green revolution in Pakistan has impacted agriculture sector. Productivity of crops increased, however, this revolution is not as developed as in other countries. Thus, there is need to implement proper policies so that, Pakistan agriculture sector could evolve. It will bring immense economic benefits.