

Q1 Multiple choice questions.

(1) Which one of the following describes a system of agriculture where a single crop is grown on a large area?

- (a) *Shifting Agriculture*
- (b) *Plantation Agriculture*
- (c) *Horticulture*
- (d) *Intensive Agriculture*

Answer:- (b) Plantation Agriculture

(ii) Which one of the following is a rabi crop?

- (a) *Rice*
- (b) *Gram*
- (c) *Milletts*
- (d) *Cotton*

Answer:- (b) Gram

(iii) Which one of the following is a leguminous crop?

- (a) *Pulses*
- (b) *Jawar*
- (c) *Milletts*
- (d) *Sesamum*

Answer:- (a) Pulses

(iv) Which one of the following is announced by the government in support of a crop?

- (a) *Maximum support price*
- (b) *Minimum support price*
- (c) *Moderate support price*
- (d) *Influential support price*

Answer:- (b) Minimum support price

Q2 Answer the following questions in 30 words.

(i) Name one important beverage crop and specify the geographical conditions required for its growth.

Answer:- Tea is an important beverage crop. To grow well, the tea plant needs tropical or subtropical climates, and deep and fertile well-drained soil which is rich in humus and organic matter.

(ii) Name one staple crop of India and the regions where it is produced.

Answer:- Rice is a staple food crop of India. It grows in the plains of north and north-east India, coastal areas and the deltaic regions.

(ii) Enlist the various institutional reform programmes introduced by the government in the

Answer:- The various institutional reform programmes introduced by the government for the benefit of farmers are - Minimum Support Price policy, provision for crop insurance, subsidy on agricultural inputs and resources such as power and fertilisers, Grameen banks, Kissan Credit Card and Personal Accident Insurance Scheme.

(iv) The land under cultivation has got reduced day by day. Can you imagine its consequences?

Answer:- A declining area of land under cultivation coupled with increasing population can lead to serious food grain shortages. This would in turn increase imports of food grains, thereby causing the economy to reel under huge debts.

Q3 Answer the following questions in about 120 words.

(i) Suggest the initiative taken by the government to ensure the increase in agricultural production.

Answer. To ensure increase in agricultural production, the government prioritized collectivization, consolidation of holdings, cooperation and abolition of zamindari system. 'Land reform' was the main focus of the First Five Year Plans. In the 1960s and 1970s, agricultural reforms were the order of the day. The Green Revolution and the White Revolution (Operation Flood) were aimed at improving Indian agricultural productivity. During the 1980s and 1990s, a comprehensive land development programme was initiated. Under this, various technical and institutional reforms were introduced by the government for the benefit of farmers, e.g., Minimum Support Price policy, provision for crop insurance, subsidy on agricultural inputs and resources such as power and fertilisers, Grameen banks, Kissan Credit Card, Personal Accident Insurance Scheme, and special weather bulletins and agricultural programmes like "Krishi Darshan" on national television.

(ii) Describe the impact of globalisation on Indian agriculture.

Answer. The impact of globalisation on Indian agriculture has been felt since colonial times. Raw cotton and spices were important export items from India. In 1917, Indian farmers revolted in Champaran against being forced to grow indigo in place of food grains, in order to supply dye to Britain's flourishing textile industry. Thus, globalisation has had its boons and banes for Indian agriculture.

Post liberalisation, Indian farmers face new challenges in the form of competition from highly subsidised agriculture of developed nations. This prompts the need for making Indian agriculture successful and profitable by improving the conditions of small and marginal farmers, countering the negative effects of Green Revolution, developing and promoting organic farming, and diversifying cropping pattern from cereals to high-value crops.

(iii) Describe the geographical conditions required for the growth of rice.

Answer. Rice is a kharif crop grown in the plains of north and north-eastern India, coastal areas and deltaic regions. It is the staple diet of the tropical and sub-tropical regions. It requires high temperatures (above 25°C) and high humidity with annual rainfall above 100 cm. It grows best in alluvial clayey soil, which can retain water. In areas with less rainfall, it grows with the help of irrigation by canals and tubewells.

Rice is the staple food crop of a majority of the people of India. Our country is the second largest producer of rice in the world after china.

Development of dense network of canal irrigation and tubewells have made it possible to grow rice in areas of less rainfall such as Punjab, Haryana and Western Uttar Pradesh and Parts of Rajasthan.
