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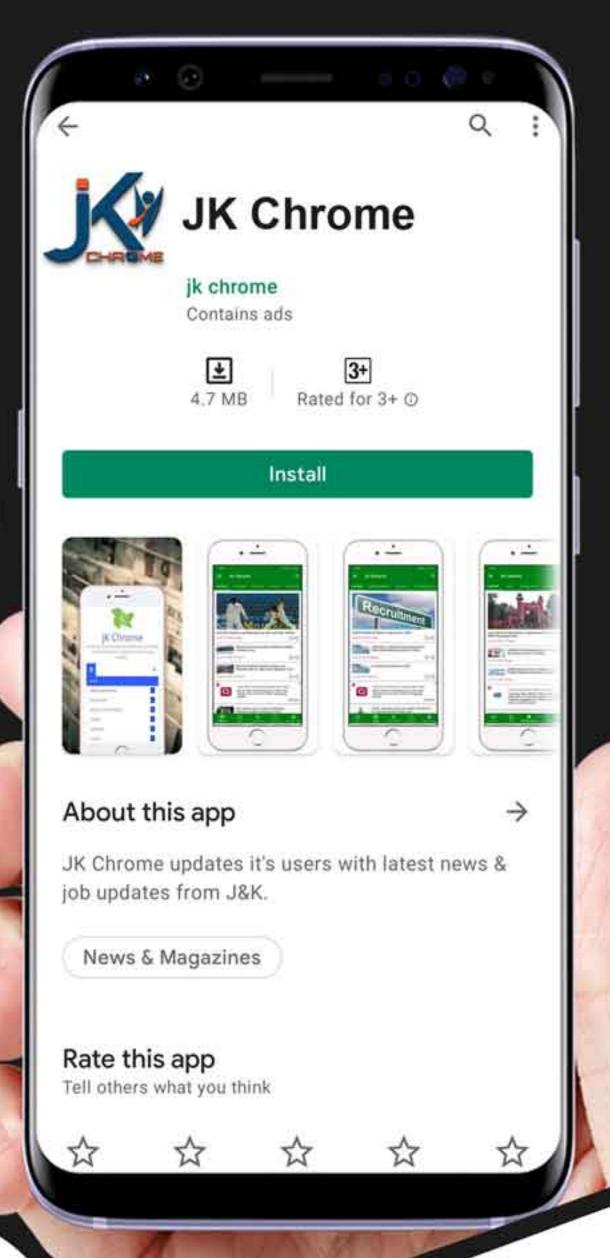
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Agriculture In India

- **1.** About 65-70% of the total population of the country is dependent on agriculture.
- **2.** Role of agriculture is paramount in the economy of India.
- 3. About two-third of our population derives its livelihood from agriculture.
- **4.** It provides food to the second biggest population and the biggest population of cattle in the world.
- **5.** Our agro-based industries are fully dependent on raw material provided by agriculture.
- **6.** Agriculture with its allied activities accounts for 45% of our national income.

Types of Agriculture in India

Subsistence Farming

- 1. In this type of agriculture, farmers work hard to grow enough food to survive only.
- 2. In this type of farming the produce is consumed mainly by farmer and his family.
- 3. There remains no surplus to sell in the market.

Mixed Farming

- 1. The combination of agriculture and pastoral farming is called mixed farming.
- 2. In this type of farming, cultivation of crops and rearing of animals are done together on the same farm.

Shifting Cultivation

- 1. This is a primitive form of agriculture, in which a plot of land is cultivated for a few years and then is deserted.
- **2.** This slash and burn method of farming is carried on in jungles of northeastern part of India.
- **3.** A plot of land is cleared for cultivation. As the yield decreases after two or three years, the plot is abandoned and a fresh clearing is made.

Extensive Farming

- 1. This is a system of farming in which the cultivator uses a limited amount of labour and capital on relatively large area.
- **2.** This type of agriculture is practised in countries where population size is small and land is enough.
- 3. Here, per acre yield is low but overall production is in surplus due to less population.
- **4.** Agriculture is done with the help of machines.

Intensive Farming

- 1. This is a system of farming in which the cultivator uses large amount of labour and capital on a relatively small area.
- 2. In countries where the size of population is big but land is less, this type of farming is done.
- 3. Annually two or three crops are grown due to the demand of food for the large size of population.
- **4.** Agriculture is done with the help of manual labour.

Plantation Agriculture

- 1. In this type of agriculture, trees or bushes are planted on huge estates.
- 2. A single crop like rubber, sugarcane, coffee, tea or banana is grown.
- 3. These crops are major items of export.

Problems of Indian Agriculture

- 1. The low productivity of our agriculture is mainly due to the difficulties faced by our peasants.
- **2.** Indian agriculture is chiefly of subsistence type where a large manual labour is employed to work on farms to grow just enough food for the needs of the family and very little is left for marketing.
- **3.** A major part of the Indian soil has been impoverished because it has been under plough for the last 4000 or 5000 years.

- **4.** Deforestation, overgrazing and heavy rainfall have led to soil erosion.
- **5.** Divisions of land have led to fragmentation.
- **6.** The size of land holding is very small and uneconomic.
- 7. The farmers are poor, illiterate and ignorant.
- **8.** They use primitive tools and out-dated method.
- **9.** They lack financial credit and investment.
- **10.** Good seeds, fertilizers and improved technology are not available to them.
- 11. They lack irrigation facilities and are still on the mercy of nature.
- **12.** Most of the farmers have no security against crop failure or loss caused by nature.
- **13.** Generally farmers are uneducated and have no scientific approaches.

Different Crop Seasons in India

- 1. There are three crop seasons in India:
- (i) Rabi (ii) Kharif and (iii) Zayad.

Rabi

- 1. This season starts after the rainy season.
- 2. Sowing begins in September-October and harvesting takes place in February-March.
- 3. Rabi season is cooler and drier than the Kharif season.
- 4. Wheat, barley, pulses and some oil seeds are grown in the Rabi season.

Kharif

- 1. The Kharif season begins with the onset of the monsoons in June-July.
- 2. The crop grows in the rainy season and harvesting takes place after the retreat of monsoon in September-October. Rice, maize, millets, groundnuts, cotton and jute are grown in the Kharif season.

Zayad

- 1. This is the summer season for growing crops which remain till April, May and June.
- **2.** Products are mainly vegetables and fruits.

Green Revolution

- 1. The increase in agriculture productivity of cereals that has taken place since the 1960s mainly as a result of introduction of high yielding varieties of wheat and rice and use of fertilizers, machines and irrigation etc., is known as green revolution.
- **2.** Green revolution has made us self-sufficient in food production.
- **3.** This has not only saved our much precious foreign exchange but has also made us self-reliant.
- **4.** But green revolution has proved more beneficial to rich farmers only, because it involves a lot of investment.

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