

BOOK Question and Answer:

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1. Modern farming methods require more inputs, which are ~~manufact~~ manufactured in industry. Do you agree?

* Modern farming requires more inputs than traditional farming. These are:

- ⇒ Chemical fertilizers
- ⇒ Pesticides
- ⇒ Pump Sets
- ⇒ Farm machinery
- ⇒ Electricity
- ⇒ Diesel
- ⇒ HYV seeds
- ⇒ Water supply

Most of these inputs like fertilizers, tools & implements are manufactured in Industry. HYV seeds are developed in agriculture ~~sector~~ research laboratories. Machine industry provides various kinds of

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implements, irrigation pumps, & farming machinery to improve productivity & minimize farming efforts. Chemical & aird soil engeneering - based

3. The spread of electricity helped the farmers in ~~pto~~ palampur in the following ways?

i) Most of the houses have electricity connections.

ii) Its used to run tubewells in the fields.

iii) Its used in various types of small buinesses.

4. Irrigation facilities are available only about 40% of the cultivated land area in the country. The rest of the land, i.e., 60% of the cultivated area, is still dependent on rainfall for irrigation. It means that the benefit of multiple cropping can't be achieved by 60% of the farmers in the country. They produce less and so their income is also low. Thus, they live in poverty.

Therefore, if these farmers are to be brought out of ~~poverty~~ farm productivity has to increase. This is only possible when they use modern farming methods and dependable irrigation facilities. Hence, it's important

to increase the area under irrigation.

5. A ~~waged~~ waged labourer might be employed on a daily basis, or for one particular farm activity like harvesting, or for the whole year. Most small farmers have to borrow money to ~~arrang~~ arrange for the capital. They borrow from large farmers or the village money lenders or the ~~traders~~ traders who supply various inputs for cultivation. The rate of interest on such loans is very high. They are put to great distress to repay the ~~to~~ loan. Hence ~~to~~ they pay very low wages to the farm labourers.

6. To grow more than one crop on a piece of land during the year is known as multiple cropping. It is the most common way of increasing production on a given piece of land. All farmers in Palampur grow at least two main crops; many are growing potato as the third crop in the past fifteen years to 20 years.

7. In contrast to the small farmers, the medium & large farmers have their own savings from farming. They are thus able to arrange for the capital need.