

Topic- Agriculture

“We have to transform India in five areas where India has core competence- first being Agriculture.”

-Dr. A.P.J. Abdul Kalam

The project should be prepared under the following headings:

1. Learning Objectives
2. Budget '22 Highlights: Agriculture and Food Processing

Study the Big Billion Budget 2022, and write your views on the highlights of the budget as given below.

- A. Promoting chemical free natural farming starting with farmers' lands close to river Ganga.
 - i) What is organic farming?
 - ii) Why is chemical free natural farming being promoted close to river Ganga?
- B. Use of Kisan Drones to aid farmers.
 - i) How are drones used successfully in agriculture?
 - ii) What problems do agricultural drones solve?
 - iii) How far can agricultural drones fly?
 - iv) Are agricultural drones sustainable?
- C. Launching fund with blended capital to finance agricultural startups.
 - i) What is an Agritech startup?
 - ii) How many agri startups are in India?
 - iii) What kind of startups does agriculture need?

3. Multilayer Farming is a new concept that uses resources efficiently and is not affected by changes in climate.
Watch this video and write how this technique would be beneficial for Indian agriculture.

<https://www.youtube.com/watch?v=FyOzeO6fQwI>

4. **Visible Thinking Routine:** Venn diagram

Construct a Venn diagram to show the similarities and differences of the agricultural practices used in a developing country: India and a developed country: The United States.

5. Methodology and Bibliography

Guidelines for the Project:

- Project should be 10-12 pages with written matter on one side and pictures on the other.
- Stick relevant newspaper articles and pictures with captions.
- Use mind maps wherever necessary.
- Use the file provided by the school to submit your project.
- Name and other details to be written on the main cover.
- The project must be treated seriously and all project related work should be started immediately.
- Project will be written and compiled in the school.