

GS-III- Major crops cropping patterns in various parts of the country, different types of irrigation and irrigation systems storage, transport and marketing of agricultural produce and issues and related constraints; e-technology in the aid of farmers.

1. "It is high time for India to realise the importance of rainwater harvesting both at the household and community levels" Discuss the above statement by throwing light on the Farm Pond Technique that has gained hype among the Indian farmers recently:

Why this Question:

- ✚ The recent NITI Aayog meeting that stressed upon rainwater harvesting and innovative water management techniques to fight against drought like situations in the country.

Key Demand of the Question:

- ✚ Write the real time scenario of water resource usage in India.
- ✚ Write why India needs rainwater harvesting at the current situation
- ✚ Write various techniques that can be made use of at the household and community levels.
- ✚ Write what is farm pond technique then write the reason for its recent popularity.
- ✚ Write the benefits and shortcomings of the farm pond technique and also write how it has been inappropriately used at some regions.

Directive word:

Discuss

- ✚ Essentially this is a written debate where we have to use our skill at reasoning, backed up by carefully selected evidence to make a case for and against an argument, or point out the advantages and disadvantages of a given context.
- ✚ So, we should talk over, write about, consider or examine by argument or from various point of view; debate; present the different sides but we have to give reasons for both for and against arguments.
- ✚ And we should remember to arrive at a conclusion.

Structure of the Answer:

Introduction:

- ✚ Write introduction about India's water usage and its prevailing scarcity.
- ✚ Give example of drought like situation that has been existing in Maharashtra and Vidarbha regions.

Body:

- ✚ Write how India is a monsoon dependent country.
- ✚ Write few facts about water sources and usage prevailing in India.
- ✚ Write how India is involved in drastic exploitation of groundwater.
- ✚ Write why harvesting is currently needed and suggest few techniques for water harvesting at household and community level.
- ✚ Write what is farm pond technique and the reason for its recent hype.
- ✚ Write its benefits and inappropriate usage prevailing in few regions.

Conclusion:

- ✚ Conclude with way ahead with suggestions for better water management.

