

Roll No.

Total Pages : 2

CMED/M-24

4663

AGRICULTURAL GEOGRAPHY WITH SPECIAL REFERENCE TO INDIA

Paper–M–GEO-204

Time Allowed : 3 Hours]

[Maximum Marks : 70

Note : Attempt **five** questions in all, selecting **one** question from each Unit. Question No. **1** is compulsory. All questions carry equal marks.

Compulsory Question

1. Write short notes (25-30 words) on the following topics: 7×2=14
 - (a) Early Agriculture Sites in America.
 - (b) Phenology.
 - (c) Land Tenurial System.
 - (d) Herfindahl Index.
 - (e) Agro-climatic Region.
 - (f) Carrying Capacity of Land.
 - (g) Impact of Climate Change on Mid-latitude Granary.

UNIT–I

2. Discuss the theories explaining origin of agriculture in the world. 14

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P. T. O.

3. Define soil texture, structure and fertility. How do these soil parameters influence the agricultural pattern and productivity? 14

UNIT–II

4. What is difference between landuse and cropping pattern? What are the categories of landuse devised by the revenue department in India? 14
5. What is crop combination? Critically discuss the statistical methods of determining crop combinations. 14

UNIT–III

6. What is agriculture typology? Discuss the criteria and methodology employed for identification of agricultural typologies. 14
7. How was the background of Green Revolution initiation during mid-sixties in India? What were the main components of package technology of agriculture? 14

UNIT–IV

8. Define food security and its components. What are the main concerns of food security in India in the context of availability, accessibility and utilization of food? 14
9. Discuss the adaptation strategies for mitigation of adverse climate change impact on agriculture. 14

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