AGRO102 - Introductory Agriculture - AGRICULTURAL HERITAGE OF INDIA (1+0)

1. Agriculture Heritage in India
2. DEVELOPMENT OF HUMAN CULTURE AND BEGINNING OF AGRICULTURE
3. INDUS CIVILIZATION (3250 BC - 2750 BC)
4. Status of farmers in the society during Indus, Vedic, Buddhist, Mauryan, Gupta and Sangam periods
5. KAUTILYA'S ARTHA-SASTRA, AGRICULTURE, ANIMAL HUSBANDRY, COMMODITY TRADE etc. – FEATURES OF VILLAGE
6. AGRICULTURE IN THE SANGAM LITERATURE OF TAMIL NADU
7. Astronomy - Prediction Of Monsoon Rains; Parashara, Varamihira, Panchanga in comparison to modern methods
8. ANCIENT SOIL CLASSIFICATION AND MAINTENANCE OF SOIL PRODUCTIVITY
10. PLANT PROTECTION IN ANCIENT PERIOD – ITK – HARVESTING – THRESHING AND STORAGE
11. CROPS – INDIGENOUS AND INTRODUCED - HISTORY OF RICE, SUGARCANE AND COTTON
12. GARDENING IN ANCIENT AND MEDIEVAL PERIOD – ARBORI HORTICULTURE - ORCHARDS
13. TRADITIONAL TECHNICAL KNOWLEDGE
14. VEGETABLE FARMING – FLORICULTURE – PERFUMES and MEDICINAL PLANTS
15. Role of cattle and other domestic animals- management of cattle for draught and milk – indigenous breeds
16. Description of Indian civilization and agriculture by travelers from China, Europe and USA
17. OUR JOURNEY IN AGRICULTURE AND VISION FOR THE FUTURE

REFERENCES