

## CODE 20 : GROUP – AGRI – BUSINESS MANAGEMENT

( Subjects : 20.1 : Agri – Business Management, 20.2 : Agricultural Marketing & Cooperation )

**UNIT – I :** Social, political and economic structure in rural India. Importance of agriculture / forestry / horticulture / livestock in national economy. Cultivation of major cereal crops, legume crops, vegetable crops, fruits and their importance in human diet. Major soils of India, essential plant nutrients, their role, deficiency symptoms and sources. Pests and diseases of major crops, vegetables, fruits and their management. Forestry production, pests and diseases management of major trees grown in India. Watershed management. Organizational set up of agricultural research, education and extension in India. Elements of statistics.

**UNIT – II :** Farm equipments and Farm Machinery in India, sources of energy and power on farms. Irrigation and drainage systems. Basics of post-harvest technology, Basics of energy in agriculture.

**UNIT – III :** Basics of veterinary, gynaecology, veterinary microbiology, veterinary pathology and Parasitology, veterinary surgery, veterinary public health, veterinary pharmacology and toxicology.

**UNIT – IV :** Basics of human food and nutrition, human / child development, home and family resource management, clothing and textile.

**UNIT – V : Quantitative ability :** Test the ability of candidates to make mathematical calculations under stress conditions. All these calculations will be based on analytical skills of the candidates with understanding of mathematics at Intermediate level.

**UNIT – VI : Communicative ability :** Test English comprehension wherein the knowledge of language skills are tested as to how effectively the candidate communicates his thoughts and ideas.

**UNIT – VII : Data Interpretation :** Calculations requiring skills of interpretation of facts and figures. The questions can be posed as graphs, tables and charts.

**UNIT – VIII : Logical reasoning :** Evaluating logical thinking capacity by providing various options.

**UNIT – IX : Agricultural Marketing and Cooperation :** Fundamentals of managerial economics, market structure conduct and performance, agricultural marketing concepts – functions and institutions, trade in agriculture sector; principles of corporation; cooperatives in India; agribusiness institutions in India; entrepreneurship development. Besides above, any other topic of scientific, social and educational importance can also be included. Around 20 – 25% questions shall be related to agriculture and agriculture related science subjects including recent developments.