

**SYLLABUS FOR RECRUITMENT OF QUALITY INSPECTOR
(Paper-II: - Specific Paper)**

- 1) Food grain production in the country - Background
- 2) Morphology of cereals (Wheat, Rice, Paddy, etc.), their constituents and milling Procedures
- 3) Pulses, their important varieties constituents, milling procedures
- 4) General problems of storage of food grains at commercial / farm level
- 5) Food policy of India - A profile: a. Procurement, b. Storage, c. Distribution
- 6) Milling, processing, packaging of food grains and their finished products
- 7) Factors responsible for deterioration of food grains in storage:
a. Insects and mites, b. Rats, c. Fungi and micro organisms, d. Birds
- 8) Insect pests of stored grains and milled products, their identification, biology and Nature of damage
- 9) Control methods of stored grains insect pests
- 10) Control of vertebrate pests - Rats, bandicoots, birds, etc.,
- 11) Toxic contaminants in food, their effects and prevention
- 12) Pesticide contaminants, tolerance limit of residues, antidotes, and precautions for Safe handling of pesticides
- 13) Source and detection of insect infestation in stored grains
- 14) Principle of scientific godown construction
- 15) Metallic and non-metallic storage structures
- 16) Pesticide formulations, their physical, chemical and biological properties, method of Handling, application and their efficacy
- 17) Role of moisture in godowns, its measurement in food grains
- 18) Godown management and code of storage practices

- 19) Principle of godown sanitation and hygiene
- 20) Fumigation of food grains by different fumigants and use of safety equipment
- 21) Handling and transportation of food grains
- 22) Inspection of food grains terminology, necessity and utility
- 23) Sampling techniques and grading of food grains
- 24) Grain quality during storage of food grains, i.e., categorization, classification and Grain designation, etc.,
- 25) Uniform specifications of rice, paddy, maize, ragi, jowar, etc., at the time of Procurement
- 26) Issuable and non - issuable stocks
- 27) Damaged food grains, their categorization and disposal procedures
- 28) Consumer Protection Act and its importance
- 29) Food Safety and Standard Act and its importance
- 30) Insecticide Act and its importance
- 31) Minimum Support Price and Central Issue Price, their importance
- 32) Issue of food grains to State Government and their agencies for TPDS and other Welfare schemes