

- xi. Certificate from the employer indicating therein the Date of Appointment, Period of Service completed as contractual employee, Post held, Nature of post, Scheme under which appointed and No Objection to appear the examination in case of in-Service Contractual employees.

**Note:- It should be noted that in case any discrepancy is noticed during certificate verification between the originals and the uploaded copy of the documents, the candidature of the candidate shall be rejected on the ground of submission of false documents.**

**8. Plan of Examination.-**The Plan of examination is as follows.

Sl. No	Stages	Types of exam.	Nos. of paper	Mark	duration	Remark
01	Stage-I	Main Written Exam.	2(Two papers)	200(100 mark for each paper)	1&1/2 hours(in each paper)	Candidates three times of vacancy in order of merit category wise basing on sum total of marks secured in Paper-I & Paper-II taken together in the Main written examination shall be shortlisted for Computer Skill Test
02	Stage-II	Computer Skill Test	Qualifying in nature (qualifying mark-15)	50	1 hour	The candidates qualified in Computer skill Test will be called to appear for document verification
03	Stage-III	Document verification	The candidates who will not attend the certificate verification on the date stipulated by the Commission, their names will be deleted from the merit list.			

**There is no Viva Voce Test.**

**8(1)Main Written Examination:-200 marks**

Paper	Subject	Full Mark	Duration
Paper-I	Composite Paper- i-General Studies ii-Mathematics iii-Computer Application (Theory) iv-English	100	1&1/2 hours (Objective type with multiple choice of answers) (in OMR sheet)
Paper-II	Technical Paper- i-Food Safety Act & Rule-50 marks ii-Chemistry-50 marks	100	1&1/2 hours (Objective type with multiple choice of answers) (in OMR sheet) (with 0.25 negative marking)

### Syllabus:-

#### Composite Paper (Paper-I)- 100 marks

Composite paper consists of 100 questions of multiple choices of answers of following subjects.

Syllabus-General studies-The question on General Studies will relate to Indian History, Economics, Geography, Major events in World History, General Science, Environmental issue, human Right issues, Indian Polity, current events.

Mathematics- The question on Mathematics will be on Arithmetic, Algebra, Geometry, Statistics & Trigonometry of HSC standard.

Computer Application (theory)- Windows, MS office(Word, Excel & power point), MS Access & Usage of Internet services.

English- Grammar, usage & vocabulary.

#### Technical Paper (Paper-II):- 100 marks

Technical paper consists of 100 questions of multiple choices of answers. Each question will carry 1 (one) mark. The questions in the Technical Paper shall be as follows:-

- (i) Food Safety Act & Rule-50 marks
- (ii) Chemistry-50 marks

For each correct answer one (1) mark will be awarded. There will be **negative marking @ 0.25 marks for every wrong answer**. However, no mark will be awarded & no mark will be deducted for any question which is left unattempted.

#### Syllabus of Technical Paper:-

##### FOOD SAFETY STANDARDS, ACT, RULES & REGULATIONS

1. Food: Definition, Food additives and processing aid, Contaminants, Toxic substances, Heavy Metals.
2. Pesticides: Pest control, Antibiotic Residues and microbiological control.
3. Genetically modified foods, Organic foods, functional foods, proprietary foods.
4. Packaging and Labeling of Foods.
5. Restriction on advertisement & prohibition to unfair trade practices.
6. Responsibilities of the Food Business Operator.
7. Liability of manufactures, packers, whole sellers, distributors and sellers.
8. Food Recall procedures.



9. Licensing and Registration of Food Business.
10. General requirements on Hygienic and sanitary practices by the FBOs- (Good Manufacturing Practice, Good Hygiene Practice, Hazard Analysis & Critical Control Point/Personal Hygiene)
11. Water pollution:-Potable Water: sources and methods of purification, Food and Water Borne Diseases.

#### CHEMISTRY.

1. Carbohydrates, Proteins, Lipids- Definition, Classification and Properties and significance.
2. Essential and non-essential amino acids.
3. Vitamins- Fat soluble and water soluble vitamins their sources, properties and significance
4. Enzymes-Definition, classifications, properties, Co-enzymes.
5. Chemical components of foods- micro and micronutrients and their dietary Sources and biochemical roles.
6. Nutritional deficiencies Disorders.
7. To estimate acid value, iodine value, saponification value of lipids.
8. Food spoilage-microorganisms, conditions(Factors & control)
9. Food Poisoning (intoxication)- Bacterial, Fungal, Algal.
10. Food Preservation: storage, physical and chemical methods.
11. Fermentation of food items:- Types, production of cheese, yoghurt, bread etc.

**8(2). Computer Skill Test:-** 50 marks, 1 hour duration & qualifying in nature.

Qualifying mark-15

Candidates numbering about three times of vacancies in order of merit category wise basing on the marks secured in written examination i.e sum total of mark in paper-I & paper-II taken together shall be shortlisted for Computer Skill Test. This test shall comprise of following subjects i.e Windows, MS office (Word, Excel & Power Point), MS Access & Usage of Internet services.

**Candidates securing 15 marks & above shall be shortlisted to appear the certificate verification.**

