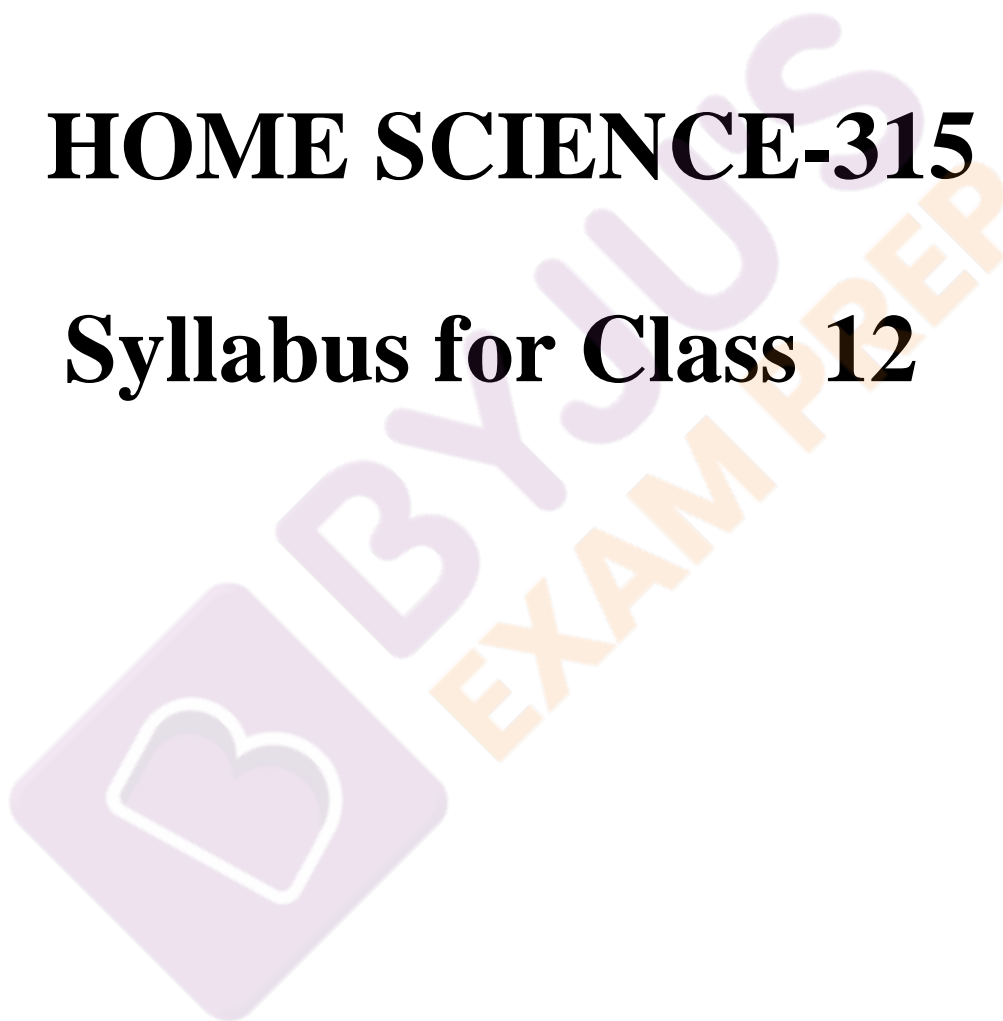


# HOME SCIENCE-315

## Syllabus for Class 12



# HOME SCIENCE-315

*Note:*

*There will be one Question Paper which will have 50 questions out of which 40 questions need to be attempted.*

## **Unit I: Nutrition, Food science and Technology**

### **1. Clinical nutrition and Dietetics**

- a) Significance
- b) Diet Therapy objectives.
- c) Role of nutritionist
- d) Types of diets
- e) scope and career

### **2. Public Nutrition and Health**

- a) Concept of Public Health and nutrition.
- b) Nutritional Problems in India.
- c) Strategies to tackle nutritional problems.
- d) Scope and career

### **3. Catering and food services management**

- a) Types of food service system
- b) Management in food Services.
- c) scope and career

### **4. Food Processing and technology.**

- a) Basic concepts - food science, food Processing food technology, food Manufacturing
- b) Development of food processing and technology and its importance
- c) Classification of processed food.
- d) Scope and career.

### **5. Food Quality and safety**

- a) Basic Concepts - food safety, food contamination food adulteration
- b) Food Standards Regulation - India (FSSAI, Agmark) and International (CAC, WTO, ISO)
- c) Food safety management systems
- d) Scope and career.

## **Unit II: Human Development: Lifespan Approach**

### **1. Early childhood care and education.**

- a) NCF (Principles and objectives.
- b) Concept of crèche, day care centre and Montessori schools.
- c) View point of Psychologist - Piaget and Vygotsky
- d) Scope and career.

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### 2. Special Education and support services

- a) Disability
- b) special Education methods
- c) scope and career

### 3. Management of institutions and programmes for children, youth and elderly

- a) Children: Vulnerable, programmes
- b) Youth: Vulnerable, programmes
- c) Elderly: Vulnerable, programmes
- d) Scope and career

## Unit III: Fabric and Apparel.

### 1. Design for fabric and Apparel

- a) Design Analysis - structure and Applied
- b) Elements of design.
- c) Principles of design.
- d) Scope and career.

### 2. Fashion design and Merchandising

- a) Fashion terminology - Fashion, style, Fad, classic.
- b) Fashion Development - History and Evolution
- c) Fashion Merchandising
- d) Scope and career

### 3. Production and quality control in the Garment Industry

- a) Stages of apparel production
- b) Quality Assurance in the Garment Industry
- c) Scope and career

### 4. Care and Maintenance of fabrics in Institutions

- a) Laundry equipment - Washing drying and ironing
- b) Institutional laundry
- c) Scope and career

## Unit IV: Resource Management

### 1. Human Resource Management

- a) Significance and functions of HRM
- b) Scope and career

### 2. Hospitality Management

- a) Concept of different hospitality establishments
- b) Guest Cycle
- c) Departments in Hospitality organizations Front Office, Housekeeping, food and beverages
- d) Scope and career

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### 3. Consumer Education and Protection

- a) Consumer Problems.
- b) Consumer Protection Act (2019) - consumer rights and responsibilities
- c) Standard Marks - ISI, Agmark, FSSAI, Hallmark, silk Mark, Wool Mark, Eco mark
- d) Voluntary consumer organizations
- e) Scope and career.

### Unit V: Communication and Extension

#### 1. Development of communication and Journalism

- a) Basic concepts- Development, Development Journalism, and Development communication.
- b) Methods of communication
- c) Scope and career.

#### 2. Media management, Design, and Production

- a) Media planning
- b) Media designing and production.
- c) Media evaluation and feedback
- d) Scope and career

### Unit VI: Career Options after Home Science Education

Career options of self and wage employment in various fields of Home Science.

