

**FURTHER DETAILS REGARDING MAIN TOPICS OF  
PROGRAMME NO. 05/2016/ONLINE (Item No. 1)**

**HIGHER SECONDARY SCHOOL TEACHER  
(HOME SCIENCE)**

**HIGHER SECONDARY EDUCATION**

**(CATEGORY No. 158/2013)**

**Part I**

**Module -I**

Kinds of Micro Organisms in different foods, Denaturation of micro-organisms. Quality changes in foods during processing and storage. Food born infections and intoxication. Quality Control in food industry. Food additives, Food adulteration. Food Laws and standards.

**Module -II**

House Plans for different economic groups. Space designing - importance of colour -different treatment and accessories. Markets and prices, Role of Consumer in the economy. Importance of advertisement - Human resources on economic development-entrepreneur ship -concepts

**Module -III**

Rural development - Role of Panchayat Raj and Voluntary Organisations -Administration and Co-ordination. Agencies in promoting science and technology in rural development - waste and fuel management - indicators of development. Family life cycle -different stages - quality of life indicators.

**Module -IV**

Physical, social and mental development of pre-school children. Methods of studying children. Developmental assessment and delays. Early childhood education. Intervention programmes for children with challenges. Principles of counseling - qualities and skills of counselor.

**Module -V**

Assessment of health status - different methods - common deficiency disorders. Prevalence in the state and in the country. Morbidity and mortality rates of vulnerable sections of the population - causative factors - different intervention programmes implemented by national and international agencies.

**Module -VI**

Food constituents - major and minor - general functions, sources, utilisation and storage in the body. Variation in requirements at different stages of life and RDA specified. Diets for diseases affecting different systems in the body and for degenerating diseases. Importance of parental feeding.

## **Module -VII Recent Developments in Home Science**

Emerging trends of Bio Technology on food cultivation industries - Nutaceuticals, Pro-biotics and herbals, Nano technology.

Recent policies on health, nutrition and population -National programmes for women empowerment

Advanced methods of communication.

### **Part II – Research Methodology/Teaching Aptitude**

#### **I. TEACHING APTITUDE**

- Teaching: Nature, objectives, characteristics and basic requirements;
- Learner's characteristics;
- Factors affecting teaching;
- Methods of teaching;
- Teaching aids;
- Evaluation systems.

#### **II. RESEARCH APTITUDE**

- Research: Meaning, Characteristics and types;
- Steps of research;
- Methods of research;
- Research Ethics;
- Paper, article, workshop, seminar, conference and symposium;
- Thesis writing: its characteristics and format.

### **Part III a– Salient Features of Indian Constitution**

Salient features of the Constitution - Preamble- Its significance and its place in the interpretation of the Constitution.

Fundamental Rights - Directive Principles of State Policy - Relation between Fundamental Rights and Directive Principles - Fundamental Duties.

Executive - Legislature - Judiciary - Both at Union and State Level. - Other Constitutional Authorities.

Centre-State Relations - Legislative - Administrative and Financial.

Services under the Union and the States.

Emergency Provisions.

Amendment Provisions of the Constitution.

## **Part III b – Social Welfare Legislations and Programmes**

Social Service Legislations like Right to Information Act, Prevention of atrocities against Women & Children, Food Security Act, Environmental Acts etc. and Social Welfare Programmes like Employment Guarantee Programme, Organ and Blood Donation etc.

## **Part IV a – Renaissance In Kerala**

### **TOWARDS A NEW SOCIETY**

Introduction to English education - various missionary organisations and their functioning- founding of educational institutions, factories, printing press etc.

### **EFFORTS TO REFORM THE SOCIETY**

#### **(A) Socio-Religious reform Movements**

SNDP Yogam, Nair Service Society, Yogakshema Sabha, Sadhu Jana Paripalana Sangham, Vaala Samudaya Parishkarani Sabha, Samathwa Samajam, Islam Dharma Paripalana Sangham, Prathyaksha Raksha Daiva Sabha, Sahodara Prasthanam etc.

#### **(B) Struggles and Social Revolts**

Upper cloth revolts. Channar agitation, Vaikom Sathyagraha, Guruvayoor Sathyagraha, Paliyam Sathyagraha. Kuttamkulam Sathyagraha, Temple Entry Proclamation, Temple Entry Act .Malyalee Memorial, Ezhava Memorial etc.

Malabar riots, Civil Disobedience Movement, Abstention movement etc.

### **ROLE OF PRESS IN RENAISSANCE**

Malayalee, Swadeshabhimani, Vivekodayam, Mithavadi, Swaraj, Malayala Manorama, Bhashaposhini, Mathnubhoomi, Kerala Kaumudi, Samadarsi, Kesari, AI-Ameen, Prabhatham, Yukthivadi, etc

### **AWAKENING THROUGH LITERATURE**

Novel, Drama, Poetry, *Purogamana Sahithya Prasthanam*, *Nataka Prashtanam*, Library movement etc

### **WOMEN AND SOCIAL CHANGE**

Parvathi Nenmenimangalam, Arya Pallam, A V Kuttimalu Amma, Lalitha Prabhu. Akkamma Cheriyan, Anna Chandi, Lalithambika Antharjanam and others

### **LEADERS OF RENAISSANCE**

Thycaud Ayya Vaikundar, Sree Narayana Guru, Ayyan Kali. Chattampi Swamikal, Brahmananda Sivayogi, Vagbhadananda, Poikayil Yohannan (Kumara Guru) Dr Palpu, Palakkunnath Abraham Malpan, Mampuram Thangal, Sahodaran Ayyappan, Pandit K P Karuppan, Pampadi John Joseph, Mannathu Padmanabhan, V T Bhattathirippad, Vakkom Abdul Khadar Maulavi, Makthi Thangal, Blessed Elias Kuriakose Chaavra, Barrister G P Pillai, TK Madhavan, Moorkoth Kumaran, C.

Krishnan, K P Kesava Menon, Dr.Ayyathan Gopalan, C V Kunjuraman, Kuroor Neelakantan Namboothiripad, Velukkutty Arayan, K P Vellon, P K Chathan Master, K Kelappan, P. Krishna Pillai, A K Gopalan, T R Krishnaswami Iyer, C Kesavan. Swami Ananda Theerthan , M C Joseph, Kuttippuzha Krishnapillai and others

#### **LITERARY FIGURES**

Kodungallur Kunhikkuttan Thampuran, KeralaVarma Valiyakoyi Thampuran, Kandathil Varghese Mappila. Kumaran Asan, Vallathol Narayana Menon, Ulloor S Parameswara Iyer, G Sankara Kurup, Changampuzha Krishna Pillai, Chandu Menon, Vaikom Muhammad Basheer. Kesav Dev, Thakazhi Sivasankara Pillai, Ponkunnam Varky, S K Pottakkad and others

#### **Part IV b – General Knowledge And Current Affairs**

General Knowledge and Current Affairs

***NOTE: - It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualification of the post may also appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper.***