

**FURTHER DETAILS REGARDING MAIN TOPICS OF  
PROGRAMME NO. 11/2013 (Item No.15)**

**R E C E P T I O N I S T  
MEDICAL EDUCATION  
(CATEGORY NO. 341/2010)**

**PART – I HOME SCIENCE**

**Micro-organisms** Microorganisms: Bacteria, Viruses, Moulds & Yeasts - Control & destruction - Resistance & immunity - Food microbiology - Diseases caused by microorganisms.

**Digestive System**

Digestive system, Functions of food, Study of nutrients (classification, functions, sources, digestion, absorption and metabolism).

**Food**

Food groups, principles of meal planning & planning diets at various stages of life cycle, Diet :n diseases of alimentary canal, diabetes, hypertension, anaemia and over nutrition

**PART – II SOCIAL SCIENCE**

**Communication**

Communication: meaning Junction ,key elements .&SMCRE model - Methods of teaching, role of audio visual aids in teaching - Types, Barriers, approaches in communication - Theories of Communication - process and elements of communication-sender, encoding, message, channel, receiver, decoding and feedback - Models of Communication- Lasswell, Osgood and Schramm, Gerbner, Shannon and Weaver and David Berlo -'Mass communication and Mass Media

**Community Organisation and Extension**

Concept and Definition of **Community Organisation-** Phases - Study, analysis, assessment, discussion, organization, action, evaluation, modification and continuation.- Research - Tools of Data Collection -Analysis and Interpretation

**Community Development** - concept and difference from Community Organisation - Community Development Program (1952) - 3 Tier structure of PRIs - Block, Panchayath, Wards, Gramasabha - Role of **GOs and NGOs** - CSWB. SSWB. BSS NYK CAPART, ICDS

**PART – III HUMAN RESOURCE MANAGEMENT**

**Office Management &Research**

Registration - filing - office procedures - personnel administration - Planning, Organising, Directing, Controlling, Reporting and Budgeting

Recording Social Case Work & Group Work - Recording: use. structure and content- Methods of recording: Verbatim, narrative, condensed, analytical and summary records;

Methods in **Research**, Sampling, Designs, Tools of data collection - observation, questionnaire, interview schedule, interview guide, Steps and guidelines in the construction of research instruments

Reliability, Internal and external validity

## **PART – IV PSYCHOLOGY**

### **Developmental Psychology**

Growth and Development, Development Tasks and corresponding bio-psychosocial changes across various stages - Prenatal, Birth, Infancy, Early Childhood, Late Childhood, Adolescence. Young Adulthood, Middle Adulthood, Late Adulthood - various hazards.

## **PART – V FACTS ABOUT INDIA**

### **Facts about India**

Geography of India- Physical Features- Climate-Soils- Rivers- Famous Sites – Etc  
Demography- Economic and Social Development-Poverty Alleviation-Economy and Planning- Etc.

History of India- Period from 1857 to 1947- National Movement- Etc

## **PART – VI FACTS ABOUT KERALA**

### **Facts about Kerala**

Geographical Facts- Physical Features- Climate-Soils- Rivers- Famous Sites – Etc

### **Renaissance of Kerala**

#### **Important Events/ Movements/Leaders**

Brahmananda Swami Sivayogi, Chattampi Swami, Sree Narayana Guru, Vagbhatananda, Thycaud Ayya, Ayya Vaikundar, Poikayil Yohannan (Kumara Guru), Ayyankali, Pandit Karuppan, Mannathu Padmanabhan, V.T.Bhattathirippad, Dr. Palpu, Kumaranasan, Vakkom Moulavi, Blessed Kuriakose Elias Chavara, Etc

***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.***