

# University of Mysore

Department of Studies in Food Science and Nutrition, Manasagangotri, Mysore

## Entrance Examination Syllabus of M.Sc. Human Development

<b>Unit – 1</b>	<b>Life Span Development – I:</b> Concept, principles and influencing factors of growth and development; Prenatal development and factors affecting; Birth – process, types and complications; Neonate and Infancy – characteristics, behaviour and adjustment; Early Childhood – an overview of all round development from birth to six years, child rearing practices, role of parents; Late childhood – All round developments from six years to puberty, role of parents, siblings and peers; Home-school relationship
<b>Unit – 2</b>	<b>Life Span Development – II:</b> Adolescence – definition and characteristics, physical, intellectual, moral, emotional, social and personality development, parent-adolescent relationship, peer relationship, Interest, problems and adjustment; Adulthood – early, middle and late adulthood – physiological and psychological changes, problems and adjustment in family and career, health problems and welfare services for aged
<b>Unit – 3</b>	<b>Family Dynamics:</b> Definition and functions of family; Family structure in India; Family life cycle and developmental tasks; Definition, forms and functions of Marriage; Marital adjustment and its influencing factors; Family crisis – types of crisis, causes and consequences on family members
<b>Unit – 4</b>	<b>Child Care and Problems :</b> Infant and child care – feeding practices, sleeping pattern, immunization, common ailments and diseases, nutritional problems, Health and Nutritional care: Behaviour problems and psychological problems – causes, symptoms and treatment; Academic and Social problems – school dropout, child abuse Juvenile delinquency;
<b>Unit – 5</b>	<b>Early Childhood Education:</b> Definition, significance and objectives of early childhood education; Meaning and principles of curriculum planning; Types, principle and factors influencing programme planning; Developmental Activities and play; Organization and administration of preschool
<b>Unit – 6</b>	<b>Challenged Children:</b> Definition and classification of challenged children; Need of intervention, special education and rehabilitation; Mentally, Physically and Neurologically challenged children - Definition, characteristics, causes, prevention, treatments, rehabilitation and special education

<b>Unit – 7</b>	<p><b>Fundamentals of Food And Nutrition:</b>  Food – As a source of nutrients and functions; Nutrition, malnutrition, Recommended dietary allowances and balanced diet; Nutrients – functions, sources and deficiency diseases; nutritional requirements during life span; Composition of food groups and meal planning; cooking methods – principles involved in methods of cooking, conservation of nutrients; food processing and preservation methods.</p>
<b>Unit – 8</b>	<p><b>Elements of Human Physiology:</b>  Structure and functions of cell and tissues; Blood – composition, functions, coagulation, functions of RBC, WBC, Platelets, blood volume and groups; Structure and functions of respiratory, digestive and excretory system; Structure of Nervous systems; Endocrine glands and its functions; Reproductive system of male and female, Hormones and its functions.</p>
<b>Unit – 9</b>	<p><b>Community Extension Education:</b>  Meaning, principles, objectives and scope of extension education; communication process and methods of effective communication; Role of audio-visual aids in community extension education; Extension education programme – planning, implementation and evaluation: Non formal and adult education programme; Role of Government and Non-Government Agencies.</p>
<b>Unit - 10</b>	<p><b>Guidance and Counseling:</b>  concept, need, scope and functions of guidance and counseling, essentials of effective counseling, counseling process and special areas of counseling, role of teachers and parents in counseling, guidance and counseling for students of elementary through college</p>