

SWAMI RAMANAND TEERTH MARATHAWADA
UNIVERSITY, NANDED

SYLLABUS

OF

B.Sc. / B.A Third Year

Home Science
(Semester Pattern)

Effective from June 2011

Semester V Foods & Nutrition

Paper – IX

1. Concept of Food & Nutrition
 - History of Nutrition
 - Importance of Food in Nutrition
 - Nutrients & their importance in diet.
2. Carbohydrates :-
 - Chemical composition
 - Classification, Functions.
 - Daily Allowances, Sources, deficiencies
3. Proteins :-
 - Chemical composition
 - Classification
 - Amino acids – Types
 - Functions
 - Daily allowances
 - Sources
 - Deficiencies.
4. Fats :-
 - Chemical composition
 - Classification
 - Functions
 - Sources
 - Deficiencies
 - Fatty Acids
5. Vitamins :-
 - Classification a) Fat soluble (2) Water soluble.
 - Chemical composition, Functions, Sources, Deficiencies.
6. Minerals :-
 - Importance, General Functions.
 - Calcium, Iodine, Iron
 - Functions, Sources, deficiencies

Reference books :-

- 1) Essentials of Foods & Nutrition - M. Swaminathan.
VOI I & D., BAPPCO Publication Banglor.
- 2) आहारशास्त्र परिचय- डॉ. व. प. पनीना
पुस्तकालय, पुणे

- 3) $\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$ शन्स- $\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$
- 4) मानवी पोळी 0.30 + 0.50 = 0.80 > 0.70 = 0.10 प.पू
 30% शान, ना 0.10

Home Science Extension And Education

Paper – X

1. Extension Education – concept, need and importance with special reference to Home- Science, Philosophy, Principles and objectives.
2. Communication :-
 Concept, meaning and Principal of teaching and learning in Home – Science extension.
3. Communication Methods :-
 Individual, Group, Mass.
4. Extension Teaching Methods :-
 Home Visits : Concept, use, importance
 Discussion : Concept, use, importance
 Meetings : Concept, use, importance
 Field Trips : Concept, use, importance
 Campaign : Concept, use, importance
 Exhibition : Concept, use, importance
 Demonstration : Concept, use, importance
 Dramatization : Concept, use, importance
5.
 - a) Audio visual aids – Meaning, imp., Classification & Functions.
 - b) Graphic Communication Media – Charts, Poasters, Flash cards, balletin board display, Leaflets, folder and pamphlet.
 - c) Projected aids – Transparencies and slides.
 - d) Electronic Meida- Radio, T.V. Internet, E-mail.
 - e) Three dimensional communication aids – Specimen, Objects and models
 - f) Folk Media – importance & types
6.
 - a) Extension worker :-
 Meaning & role of extension worker in the filed of development, Essential qualities needed by extension worker.
 - b) Community organization :-
 1) Role of Government, N.G.O.

Practical

Paper- XI

50 Marks

1. Knitting – Sweater (up to 1 year)
2. Fabric painting – One sample
3. Modern embroidery :-
 - a. Kashida
 - b. JarDOI
 - c. Tikli / Beed work
 - d. Chicken kari
 - e. Mirror work
4. Stitching :-
 - a. Blouse – Any type
 - b. Pujabi dress
5. Batik Printing :- One sample.

Semester VI

Human Development

Paper – XII

1. Early childhood – Characteristics, developmental tasks, physical development, emotional development, social development, play, speech development, speech defects, Hazards.
2. Late childhood – characteristics, developmental tasks, development of physical skills, social development, Moral development, personality development- Hazards.
3. Puberty – Characteristics, Physical growth, changes in behavior & interests. Concerns of Pubescents, Hazards.
4. Adolescence – Early & late adolescence Characteristics, developmental tasks, physical growth, psychological & health needs, social charges interests, emotions, problems.
5. Adulthood – Early & middle Adulthood Characteristics, developmental tasks, Interests activities.

