

SYLLABUS

Appendix D

B.Sc.Home Science Part – I Semester –I Fundamentals of Food Science and Nutrition Paper- I

Total Marks – 75

Theory- 50

Pra. Int. Ass-25

Objectives :-

1. To understand the function of food and the role of various nutrients, their requirements and effect of deficiency and excess (In Brief)
2. To promote basic knowledge pertaining to various food groups and nutrients.
3. To make students familiar with the different methods of cooking, their advantages and disadvantages.
4. To develop ability to improve the nutritional quality of food.

Theory :-

Unit I - Introduction to principles of food and nutrition

- **Food :**
 1. Definition
 2. Functions of food
- **Food groups**
 1. Characteristics of basic food groups and their contribution to the diet
- **Nutrition and Health :**
 1. Definition of Nutrition, Nutritional status, Optimum nutrition and Health
Relation of food and health.
 2. Scope of Nutrition

Unit II - Nutrients and balanced diet:-

- **Nutrients**
 1. Definition of Nutrients
 2. Nutrients (Macronutrient / Micronutrient)
- **Balanced Diet**
 1. Definition.
 2. Factors affecting balanced diet.
 3. Concept of Balanced diet.

- **Food fads and fallacies.**
- **Factors affecting food budget**

Unit III- Macronutrient

Nutrients

1. Carbohydrates – Definition, classifications, functions, sources, RDA and deficiency states
2. Protein- Definition classifications, functions, sources, RDA and deficiency states.

Unit IV - Fats and fiber

1. Fats : Definition ,classification, functions, sources ,RDA and deficiency states .
2. Digestion and absorption of carbohydrates ,protein and fats.
3. Fibres : Sources of fibre , Role of fibres in diet.

PRACTICAL :

1. Food Presentation and Table Setting.
2. Preparation of ingredients: Pre-preparation, methods of mixing, methods of cooking.
3. Simple cooking- preparation, serving, calculation of cost and yield
 - a. Appetisers : Soups (any 2).
 - b. Starters:a) Paneer Preparations b) Samosa c)Kabab d)Cutlet (any 2).
 - c. Salad : a) Sprouted b)Vegetable c) Fruits (any 2).
 - d. Raita (any 2).
 - e. Cereals – Plain Rice, Pulao, Sweet Rice Masale Bhat (any2)

Internal Assessment:

Any one of the following

1. Market survey of the locally available food items (Common cereals, pulses, green leafy vegetables) and their cost.
2. Latest Kitchen appliances in the market-their use & upkeep (any5).

Books Recommended:

1. Nutritive Value of Indian Foods: Gopalan C Rama Shastri & Balasubramanian S.C National Institute of Nutrition 1993.
2. Food Science, Chemistry and Experimental Foods: Dr. M.Swaminathan, The Bangalore Printing and Publishing Co.Ltd. 1995.
3. Essential of Food and Nutrition, vol. I (Fundamental aspects): Dr.Swaminathan, 2nd edition BAPPCO, 1985.
4. Applied Nutrition: R.Rajlaxmi Oxford & IBH Pub.Co.Pvt.Ltd. 3rd edition, 1981.
5. Food and Nutrition: The Educational Planning Group, Dehli, Arya Publishing House, 3rd edition 1991.
6. Food Chemistry: Meyer L.H.CBS Publishers & distributors, Dehli, 1987.
7. Scope Manual on Nutrition: Latham M.C. McGandy, McCann M.B. & stare F.J Published by the Upjohn co.Kalamazoo,Michigan, 2nd edition . The Upjohn co Kalamazoo,Michigan 1972.
8. Every day Indian Processed foods: K.T.Achaya, National Book Trust, India 1984.
9. The Book of Ingredients: Philip Dowell and Adrian Bailey, Michael Joseph, Ltd.1980.

SEMESTER -I

Fundamentals of Human Development

Paper-II

Total Marks – 75

Theory- 50

Pra. Int. Ass- 25

Objectives:

- To make student aware of human development, infancy & crèche management.
- To make students aware of developmental psychology of infant & baby hood.
- To make students aware of crèche & it`s functioning

Unit I Introduction to Human Development

- Meaning, definition, scope, history & studies of human development, developmental period, rate of development & developmental tasks.

Unit II Growth & development

- Meaning & definition, principles, factors influencing growth & development, difference between growth & development, dimensions of development. Role of heredity & environment, maturation, genetic endowment & learning.

Unit III Stages of development.

- Female reproductive system, menstrual cycle, fertilization conception, prenatal development, factor influencing prenatal development, signs & symptoms of pregnancy, disturbances & care during pregnancy, birth process, kind of birth

Unit IV Crèche

- **Crèche:** - meaning, importance, setup, programme planning, staff,, type of records & maintenance.
- **Play:** - meaning, definition, types, values, characteristics, theories.
- **Discipline:** - definition, type, principles.

TERMWORK:-

1. Methods of child study
 2. Survey of 10 pregnant women(use of questionnaire is compulsory)
 3. Observation of children while play. (record to be maintained)
- Visit to crèche
 - Preparation of resources files on human development.
 - Preparation of work book on any one.
 - Type of play
 - Type of discipline, Heredity & environment etc

B. Sc. HOME SCIENCE
Semester I

FUNDAMENTALS OF TEXTILE & CLOTHING

Paper -III

Total Marks – 75
Theory- 50
Pra Int Ass- 25

UNIT I

- Introduction to textiles. Textile fibres - classification and terminology. Processing and manufacturing method, properties and uses of different textile fibres - cotton, silk, wool, rayon, polyester, nylon, acrylic and other minor fibres.
- Spinning method - mechanical and chemical. Yarn - classification, characteristics and uses. Definition of yarn count, liner density. Direct & Indirect systems.

UNIT II

- Introduction to fabric care. Darning and mending.
- Laundry equipment - washing, drying and finishing. Principles and methods of washing and finishing.
- Stain removal - principles, classification and techniques. Cleansing agents - water, detergent and soap. Other reagents - acidic and alkaline. Bleaching agents. Additives used in laundering - stiffening, blueing and optical brighteners. Dry cleaning - principles, methods, use of absorbents and solvents. Special treatments for clothes - disinfections.

UNIT III

- Importance and functions of clothing. Clothing construction - introduction,
- Terminology and principles. Equipment and accessories used in construction. Sewing
- Machine - parts, functions, care, maintenance, problems and general repair. Factors considered in selection of fabrics - design, durability, appearance, texture, price, labels and colourfastness.

UNIT IV

- Clothes for adolescents, adults, aged and special groups. Clothing awareness and symbolism. Impact of clothing on socialization and development of self-concept, Self-confidence, self-esteem and self-security.
- Stitches-classification, hand and machine stitches. Raw edge finishes. Fullness and ease. Types of tucks, pleats pocket and plackets

TERM WORK:

- Identification of textile fibers visually
- Identification of textile material by microscopic, burning and solubility test – cotton, rayon, silk, wool, nylon, polyester and blends
- Darning the fabric – hole, hedge tear and diagonal slit
- Mending the fabric – plain and print patch
- Removal of common stains from cotton fabric
- Demonstration on laundry equipments – washing, drying and finishing
- Washing, drying and finishing of cotton, silk, wool and synthetics
- Raw edge finishing – preparing the samples with buttonhole, herringbone, whipstitch, slip stitch, hemming, pinking, binding, machining and over sewing.
- Seams - plain, lapped, French and flat & fell
- Taking in fullness – Pleats, gathers, shirring, gore, godets, circular skirt, frills and ruffles.
- Necklines and neck finishes – round, square, ‘V’ and shaped.
- Placket opening - continuous, two pieces, bound and fitted.
- Fasteners – attaching different types of fasteners

Library reference:

- Basic Processes and clothing const. by Sherie Doongaji (Rajj Prakashan)
- Text book of clothing and textiles by Sushma Gupta (Kalyani Publishers)
- Mary Mathews ‘Practical clothing construction’ Thomson & Co. Madras,1974
- Cock V. ‘Dress making simplified’ Black well science, 1987.
- Struin Pamela ,”Pattern drafting for Dress Making”Augustan Delhi 1995
- Martin M. Shoben and Janet P.ward,”Pattern cutting and Make for outerwear”Butter worth heinmannLtd,Oxford 1987
- Alorich Winifred “Metric pattern Cutting”,Blackwell science ,London,1995
- Mary Mathews ‘Practical clothing construction’ Thomson & Co. Madras,1974
- Cock V. ‘Dress making simplified’ Black well science,1987
- S.P.Mishra, Text Book Of Fibre Science And Technology, New Age International Publishers New Delhi – Reprint -2005.
- 1. V.A.Shenai -Textile Fibres Vol-I -Sevak Publications, Mumbai – Third Edi

(B.Sc.Home Science)
Semester I
Resource Management
(Interior Decoration and design)
Paper – IV

Total Marks - 75

Theory - 50

Practical - 15

Internal Assessment- 10

Objective :

- 1) To develop good taste through the study of basic elements and principles of design
- 2) To develop aesthetic sense and to be good art consumer

COURSE CONTENT: Theory

Unit I – Introduction to Foundation of art

- 1) i) Introduction ii) Meaning of art
- 2) Elements of art
 - a) Line b) Form c) Colour d) Texture e) Space d) Light g) Pattern h) Idea
- 3) a) Meaning of interior decoration
 - b) Essential factors of interior decoration
 - c) Importance to interior decoration

Unit II – Design in current life style

- a. Aesthetic sense and its importance
- b. Concept of design
- c. Objectives to design – i) Beauty ii) Expressiveness iii) Functionalism
- d. Elements in design
- e. Design and principles of art

Unit III - Design in every day life

a) Importance of good taste

b) Types of design –

i) Structural ii) Decorative iii) Naturalistic

iv) Stylized v) Geometric iv) Abstract

vii) Modern viii) Traditional

c) Judgment of a good design

Unit IV – Principles of Design in interior

a) Harmony

i) Definition and importance

ii) Harmony of line and shape

iii) Harmony of Texture

iv) Harmony of idea

v) Harmony of colour

vi) Application in Interior decoration

b) Balance –

i) Definition and Importance

ii) types of Balance – Formal, Informal, Radial

iii) Balance in interior & Exterior decoration

c) Rhythm –

i) Definition and importance

ii) Methods of obtaining rhythm

iii) Application in interior decoration

d) Proportion –

i) Definition and importance

ii) To gain interest through

a) Proportion and space

b) proportion and lines

c) Proportion and scale

Emphasis –

i) Definition and importance

ii) What to emphasize

iii) How to emphasize

iv) How much to emphasize

v) Where to emphasize

COURSE CONTENT:

Practicals

Total Marks -	15
Line direction -	04
Types of design -	04
Principles of design-	04
Record book -	03

Experiment No. 1 – Line direction

a) Vertical b) Horizontal c) Zigzag d) Diagonal e) Curved

Experiment No. 2- Types of design

i) Structural ii) Decorative

No. 3 - Naturalistic and stylized

No.4 - Geometric and Abstract

No.5 - Modern and Traditional

No.6 - Types of Balance

No.7 - Ways & of obtaining rhythm

No.8 - Harmony of line and shape

No.9 - Proportion to produce change in appearance

No.10 – How to Emphasize

CORSE CONTENT: Internal Assessment

Marks 10

Accessories in interiors (Any two)

a) Greeting Cards b) Macrom work

c) Door Mats d) Roti Rumal

e) Ceramic Work

Books Recommended

- 1) Goldstein H/ Goldstein v – ‘ Art in Every day Life’ Macclian co, New York 4th Edition
- 2) Mann M- Home Furnishing, weley Easterly Pvt Ltd.
- 3) Sundaraj ‘Text Book of Household arts’, orient long man, Bombay
- 4) S>m°. B§{Xam IS>go ‘J¥hgOmdQ>’, {h_mb` npãb{e§J hmD\$g
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B.SC. HOME SCIENCE PART I
SEMESTER I
HOME SCIENCE EXTENSION

Total Marks – 75
Theory- 50
Pra Int Ass 25

Objectives:

To impart knowledge regarding:

- To impart knowledge of extension education.
- To acquire knowledge of meaning , fields and objectives of home science extension.
- To develop understanding the importance and functions, models of communication.
- To understand the role of extension teaching methods in the field of extension.

UNIT - I

Extension Education : Definition of education, types of education, definition of extension education, objectives, principles, fields, variation between formal and extension education, Essential links in the chain of rural development.

UNIT- II

Home Science Extension: Definition, fields of home science extension , Philosophy of home science extension, characteristics of home science extension, objectives of home science extension, Scope of home science extension, Guiding principles of home science extension.

UNIT – III

Communication in Extension: Definition, importance and functions of communication in extension, models of communication, communication process and problems related to elements of communication.

UNIT- IV

Extension Teaching Methods: Definition, importance, functions and classification of extension teaching methods according to use and form, study of various extension teaching methods:

Interpersonal approach: Home visit, office call, telephone call and personal letter.

Group approach: Lecture, Method demonstration, study tour, group discussion and meetings.

Mass approach: Circular letter, Result demonstration, puppet show, exhibition and film show.

Practicals:

1. Conducting method demonstration on home science aspects to provide effective communication to the learners.
2. Practise of preparing circular letter to motivate homemakers for acceptance of new ideas.
3. Visits to rural areas to get information about rural living (their needs, interests, customs and traditions, standard of living, economic status, educational background, habits, etc.)

Internal Assesment:

Preparation of a twelve page album on rural development activities.

References:

1. Dahama,O.P.. and Bhatnagar O.P. Education and communication for development .Oxford and B.M. publishing Co. New Delhi.
2. Chandra A: Introduction of home science,Metropolitan book co. New Delhi.
3. Supe S.V. An introduction to extension education Oxford and IBH publishing co.New Delhi.
4. Singh K. Rural sociology, prakashan Kendra, Lucknow.
5. Farkade T.,Gonge,S. ,Gruha vigyan vistar, Vidya prakashan , Nagpur.

B. Sc. Home Science - Semester I
ENGLISH AND COMMUNICATION SKILLS
PAPER VI

Total Marks : 75
Theor : 50
InternalAssessment : 25

Objective :

1. To prepare the students to communicate effectively in English.
2. To enable Students to master reading, writing, speaking and listening skills.
3. To strengthen grammatical accuracy.
4. To prepare the students to deal with customers, professionals, counselors, etc in correct grammatical, idiomatic English.
5. To provide personality development training through situational role play, interview techniques, group discussions, seminar presentation, etc.

Unit I

Text: English prose for Pleasure and Profit (An Anthology)

By R. N. Roy published by S. Chand and Co. New Delhi

Prescribed Lessons: i) Homege to Gandhi ii) All About A Dog

iii) The Bet iv) The Barber's Trade Union

Unit II

1) Comprehension:

A seen Passage based on text will be given for analysis. Questions will be based on comprehension of content and vocabulary. Answers must be written in the students own language, with minimum use of words and phrases from the passage.

Unit III

1) Paragraph Writing on the basis of given hints/points.

It will test the descriptive vocabulary and constructive logical narrative capabilities of the students.

2) Letter Writing

Students should be trained thoroughly in dealing with personal letters.

1. Letters to Parents/Relatives
2. Letters to Friends

Unit IV

Grammar

Articles, Prepositions

1. Change of Narration
2. Tenses
3. Transformation of Sentences : Assertive, Interrogative, Exclamatory

Books Recommended

English Grammar Practice by Raj N. Bakshi ed. by Orient Longman.

1. Macmillan Foundation English by R.K. Dwivdi pub. by Macmillan India Ltd.
2. Business Communication by Rajendra Pal and J.S. Korlahalli pub by Sultan Chand and Sons, New Delhi, ISBN – 81-7014-928-2
3. English Grammar And Composition by G.S. Mudambadi Vikas Publishing House Pvt Ltd.
4. English Grammar And Composition by Rajendra Pal and Premlata Suri ed by Sultan Chand and Sons New Delhi.
5. English Grammar, Composition and Usage by J.E. Nesfield adapted by N.K. Agrawal and F.T. Wood.
6. Creative English For Communication by N. Krishna Swamy and T. Sriraman published by Macmillan India Ltd.

Internal Assessment :

Marks : 25

Telephone Conversational Skill will be taught. Role play method is recommended. The student will be assessed during the 'role play' practical,

Handling of audio – visual aids such as OHP. The topic for role play can be taken from any part of their Home Science subjects eg: How to deal with customers in a large business establishment, with primary school children, problem solving, etc.

Method of Assessment :

The student will be assessed for language fluency, correct grammar and logical sentence construction.

Passing marks for the theory paper will be 18% of the total marks (50) and for the Sessional 10% of the total marks (25)

Paper Pattern

B.SC Home Science Part I

English and Communication Skills

Time : 3 Hours
50

Max. Marks :

Q.1) One LAQ. of about 200 words is to be attempted out of Two based on English prose pleasure and profit. **Marks :**

10

Q. 2) Two SAQ of about 75 words is to be attempted out of Four based on English prose for pleasure and profit.

Marks 10

Q. 3) Question based on Unseen Passage for comprehension.

Marks : 10

Q. 4a) Paragraph Writing on the basis of given points. **Marks :**

05

Q. 4b) One letter out of Two to be attempted. **Marks :**

05

Q. 5) Ten question out of fourteen are to be attempted on the basis of prescribed Grammar Topics.

Marks : 10

B. Sc. Home Science
SEMESTER I
BASIC COMPUTER

1. Introduction To Computer

2. Introduction To Operating System

- 2.1) What Is O.S.
- 2.2) Introduction To Windows Xp
- 2.3) Starting Of Window
- 2.4) Working Of Start Menu
- 2.5) Shutting Down The Computer
- 2.6) Using Windows Explorer
 - 2.6.1) Moving A File Or A Folder
 - 2.6.2) Creating Shortcuts
- 2.7) Working With Files And Folder
 - 2.7.1) Creating A Folder
 - 2.7.2) Deleting A file Or Folder
- 2.8) Customizing The Desktop
 - 2.8.1) Changing Desktop Background
 - 2.8.2) Changing Screen Resolution
 - 2.8.3) Setting Up A Screen Saver
- 2.9) Customizing Taskbar
 - 2.9.1) Move And Resize The Taskbar
 - 2.9.2) Hiding The Taskbar
- 2.10) Working With Multimedia

3. Ms-Word 2007

- 3.1) What Is Microsoft Office 2007?
- 3.2) Introduction To Word 2007
- 3.3) Starting Word 2007
- 3.4) Creating A New Document
- 3.5) Saving Anew Document
- 3.6) Closing A Document
- 3.7) Exiting Word 2007
- 3.8) Opening An Existing Document
- 3.9) Undo & Redo
- 3.10) Moving Text
- 3.11) Copying Text
- 3.12) Formatting Text

- 3.13) Formatting Paragraphs
- 3.14) Tables In Words 2007
- 3.15) Formatting A Tables
- 3.16) Mail Merge
- 3.17) Protecting The Document
- 3.18) Macros In Word 2007
- 3.19) Hyperlinks
- 3.20) Printing Of Documents

4 Ms - Excel 2007

- a. Introduction To Excel 2007
- b. Starting With Excel 2007
- c. Opening A New Workbook
- d. Saving The Workbook
- e. Entering Data In A Worksheet
- f. Selection Techniques
- g. Editing Cell Data
- h. Copying The Data
- i. Moving The Data
- j. Deleting The Data
- k. Inserting Rows And Columns
- l. Using Formulas In Excel
- m. Using Function In Excel
 - 4.1) Mathematical Function
 - 4.2) Text Function
 - 4.3) Date & Time Function
 - 4.4) Logical Function
- n. Creating Chart
- o. Sorting Of Data
- p. Printing The Worksheet

B.Sc. Home Science Part – I
Semester –II
Basic Food Science and Nutrition
Paper-I

Total Marks – 75
Theory- 50
Pra - 15
IA - 10

Unit I- Micronutrients

Minerals: Functions, Sources and Deficiency of:

- a) Major Minerals: 1) Calcium 2) Phosphorous 3) Iron 4) Iodine.
- b) Trace elements: 1) Sodium 2) Potassium 3) Magnesium 4) Copper 5) Zinc
- 6) Cobalt 7) Chlorine

Unit II- Micronutrients

Vitamins: Functions, Sources and Deficiency of:

Water Soluble Vitamins: i) Thiamine (B₁) ii) Riboflavin (B₂) iii) Nicotinic acid (B₃) iv) Pyridoxine (B₆) v) Pantothenic acid vi) Biotin vii) Choline viii)

Inositol

Ix) Folic Acid x) Cyanocobalamine (B₁₂) and Vitamin C.

Fat Soluble Vitamins 1) Vitamin A .2) Vitamin D .3) Vitamin E. 4) Vitamin K.

Unit III

1. Water: Functions of water in human body, water balance, sources of water to the body, effect of dehydration and its prevention.
2. Definition and factors affecting BMR. Units of Energy. Energy measurement of food (Bomb calorimeter).

Unit IV

1. Objective of cooking food and cooking methods: a) Different cooking methods, different cooking media b) Effect of different methods of cooking of nutritive value of food.
2. Enhancing Nutritional Quality of Food: Germination, Fermentation, Supplementation, Substitution, Fortification and Enrichment.

PRACTICAL:

Simple cooking- preparation, serving, calculation of cost and yield.

- a) Chapati, Puri, Paratha, Missi Roti, Puran Poli, Bhakri (any 2).
- b) Pulse Preparation – Whole, Dehusk and Sprouted (any 2).
- c) Vegetable Preparation- Dry Curries and Baked (any 2).
- d) Fruit Preparation – Fresh, Dried Baked and Steamed (any 2).
- e) Milk Preparation – Porridge, Desserts, Curds, and Paneer Preparation (any 2).
- f)Egg. Preparation – Boiled, Fried, Poached and Custard (any 2).
- g)Desserts : Khowa and milk based (any 2).

Internal Assessment

Any one of the following

1. Scrap Book: Related to food groups, Sources, Deficiencies of Various nutrients
- 2) Canteen

Books Recommended

1. Nutritive Value of Indian Foods: Gopalan C Rama Shastri & Balasubramanian S.C National Institute of Nutrition 1993.
2. Food Science, Chemistry and Experimental Foods: Dr. M.Swaminathan,The Bangalore Printing and Publishing Co.Ltd. 1995.
3. Essential of Food and Nutrition, vol. I (Fundamental aspects): Dr.Swaminathan, 2nd edition BAPPCO, 1985.
4. Applied Nutrition: R.Rajlaxmi Oxford & IBH Pub.Co.Pvt.Ltd. 3rd edition, 1981.
5. Food and Nutrition: The Educational Planning Group,Dehli, Arya Publishing House, 3rd edition 1991.
6. Food Chemistry: Meyer L.H.CBS Publishers & distributors, Dehli, 1987.
7. Scope Manual on Nutrition: Latham MC Mcgandy, McCann M.B. & stare F.J Published by the Upjohn co.Kalamazoo,Michigan, 2nd edition . The Upjoin co Kalamazoo,Michigan 1972.
8. Every day Indian Processed foods: K.T.Achaya, National Book Trust, India 1984.
9. The Book of Ingredients: Philip Dowell and AdrianBailey, Michaey, Micheal Joseph, Ltd.1980.

B.Sc Home Science
SEMESTER -II
Infant Stimulation And Toddlerhood
Paper- II

Total Marks – 75
Theory- 50
Pra - 15
IA - 10

UNIT-I Infancy:-

- (0-2 years) Neonate- an overview, reflexes, APGAR scale, adjustments of neonate, factors affecting, Physical development height, weight, head circumference. Definition, changes in body proportion & structure, common motor skills, pre-speech forms of communication, speech skills, cognitive developmental process, sensory motor development, socio-emotional development.

Unit-II Care:-

- Immunization.
- Guidance in feeding, weaning, teething, toilet training, bathing, sleeping, health &
- Postnatal care of mother & baby, importance of breast feeding , advantages of breast feeding , scientific method of breast feeding ,do's and don't's of bottle feeding .

Unit – III Toddlerhood:-

- Characteristics, developmental tasks, physical development, muscle control, speech development, emotional behavior, socialization, interest in play, development of understanding beginnings of morality, hazards & happiness.

Unit – IV Stimulation

- Development of senses, role of care giver in providing a safe environment for developing motor abilities. Significance of stimulation during infancy, type of stimulation, [visual, motor, auditory, language & tactile].
- Personality: - meaning, definition, factors influencing heredity environment, peer group, social interaction.

Practicals:-

1. Anthropometric measurement, introduction, height, weight, head, midarm, chest, circumference, measurement of 5 children & compare with norms (0-2 year's children).
How to take measurements.
2. Learning & preparation of different activities for stimulation, tactile, auditory, motor, language, visual & cognitive.
3. Preparation of educational toys a) constrictive, b) matching / sorting / classifying, c) simple mathematical.

SESSIONAL:-

1. Survey of ten lactating mother(use of questionnaire is compulsory)
2. Visit to maternity ward.
3. Visit to well baby clinic
(Record to be maintained)

Book Recommended:-

1. Developmental Psychology : Elizabeth Hurlock, 5th edition, 1981, Tata McGraw Hill Publishing Co. New Delhi
2. Human Development : Dian E Papalia & Sally Wendkos olds, 5th Edition 1981,
1. Tata McGraw Hill Publishing Co. New Delhi
- 3 Child Psychology : Vatsayayan, 3rd edition Kedar Nath Ram Nath Meerul.
4. Developmental Psychology : Vatsayayan, 3rd edition Kedar Nath Ram Nath Meerul.
- 5 Children in Crèche : Alfred D`Souza, Intellectual Publishing House, Delhi

B. Sc. HOME SCIENCE
Semester II

FABRIC STUDY
Paper III

Total Marks – 75
Theory- 50
Pra - 15
IA - 10

UNIT I

- Introduction to method of fabric construction - weaving, knitting, braiding, lace making, knotting, felting and non - woven.
- STANDARD WEAVES -Plain and its derivatives, Twill and derivatives. Satin and sateen honey comb, brighton honeycomb, mock leno, Basic Knitting Technology: Principles and comparison of weaving and Knitting, Introduction to weft and warp knitting – Classification of weft knitting machines -Terms and definitions of weft knitting
- Study of basic weft knit structures and their characteristics -Knitting cycle of single jersey, rib and interlock structures

UNIT II

- Different methods of Finishing-General and Special finishing
- Singeing-type of singeing, Fabric and yarn singeing-desizing-type of desizing, Enzyme desizing method –scouring of cotton and wool -method of kier boiling, deg-bleaching- mercerizing-method of mercerizing, calendaring
- Wrinkle free finish -Water repellent -flame retardant and anti microbial finish. Special calendaring, shrinkage control

UNIT III

- Standard body measurements for children, ladies and gents. Sequence of taking body measurements for various age groups Fabric preparation for garment construction - pre-shrinking and trueing. Methods of layout and cutting. Placing and cutting pattern on stripe,check,plaid and one way and two way design Methods of garment construction suitable for different fabrics - drafting method

UNIT IV

- Clothing requirement for infants, toddlers, pre - school and elementary school children.
Self - help garment
- Wardrobe planning - meaning, importance and budgeting. Factors influencing wardrobe planning for different age groups. Methods of arrangement of garments in wardrobe. Storage of clothes

Practicals:

- Taking body measurements and preparing basic bodice block
- Drafting, cutting, stitching and finishing a baby layette (zabala, nappy, bib or feeder)
- Drafting, cutting, stitching and finishing of panty and bloomer
- Drafting, cutting, stitching and finishing of frock
- Adaptation of bodice block into designed frock
- Adaptation of bodice block into apron
- Basic embroidery stitches

Library reference:

- Doongaji, Basic processes and Clothing Construction, Raaj Prakashan, 6 ed., New Delhi.
- S.Dhantiyagi, Fundamentals of Textiles & their Care, Orient Longmans 4th ed. New Delhi.
- P.Bernard, Textiles fibre to fabric, Mc-Graw Hill International Editions.
- E.P.G.Gohl, Textile Science, CBS Publishers & Distributors.
- Mary Mathews 'Practical clothing construction' Thomson & Co. Madras, 1974
- Doongaji, Basic processes & Clothing Construction, Raaj Prakashan, 6 editions, New Delhi.
- Dhantiyagi, S., Fundamentals of Textiles and their Care, Orient Longmans 4th ed. New Delhi.
- E.P.G.Gohl and L.D. Vilensky, Textile Science, CBS Publisher & Distributors

B.Sc. (Home Science)
Semester II
Resource Management
(Interior Decoration and design)
Paper – IV

Theory – Periods / Week (Credit -2)	Total Marks - 75
Practical – Periods / Week (Credit -1)	Theory - 50
	Practical - 15
	Internal Assessment - 10

Objective :

- 1) To develop skill in using colours to create different effects in space, with the use of various colour schemes.
- 2) To learn techniques of using colour in different media
- 3) To give knowledge of flowers / floral decoration and arrangement

COURSE CONTENT : Theory

Unit I – Importance of colour in Interior Decoration

Detail Study of Prang colour system :

- a. Characteristics or dimensions of colour
 - i) Hue ii) Value iii) Intensity
- b) Classification of color
 - i) Primary ii) Secondary iii) Intermediate iv) Tertiary
 - iv) Quarternary v) Neutral
- c) Warm & cool colours
- d) Advancing & Receding colours
- e) Colour wheel

Unit :- II - Colour Schemes :

- a) Related colour scheme : i) Monochromatic ii) Analogous
- b) Contrast colour scheme: i) Complementary ii) Double complementary
 - iii) Split complementary iv) Traid v) Neutral
- c) Colour schemes for different rooms
 - i) Kitchen and dining
 - ii) Drawing room /Living room
 - iii) Bed room

Unit III – Decorating Interior & Exterior:

- 1) Floral Decoration : i) Definition and importance ii) Objectives iii) Material required
- 2) i) Elements of Art in flower Arrangement. ii) Principles of Art in Flower arrangement .
- 3) Use of Flower arrangements: i) Personality ii) Occasion iii) Placement in rooms
- iv) Flowers as gift v) Bouquet: i) Spray of flowers ii) Potted

Unit IV – Types of flower arrangement

- 1. a) Traditional b) oriental / Japanese c) Modern d) Floating e) Miniature b) Dry
- 2) Artificial flower arrangement :
 - a) Artificial flower making b) Material required for Artificial flower arrangement
- 3) Do's & Don'ts in flower arrangement

COURSE CONTENT: Practicals

Total Marks -	15
Classes of Colours	04
Colour Scheme -	04
Flower decoration -	04
Record Book -	03

Ex No. 1 – Classes of colors

i) Primary ii) Secondary iii) Intermediate

Ex. No. 2 - Colour Wheel

Ex. No. 3 - Warm & cool colours

Ex. No. 4 - Value Scale

Ex No. 5 - Monochromatic colour scheme

Ex. No. 6 - Analogous colour scheme

Ex. No. 7 - Complementary colour scheme

Ex. No. 8 - Double complementary colour scheme

Ex. No. 9 - Triad colour Scheme

Ex No. 10 - Types of flower decoration / Arrangement

i) Single stick ii) Small Bunch iii) Miniature

iv) Modern

COURSE CONTENT:

Internal Assessment:

Marks (10)

Accessories in interior (Any two)

1) Accessories in home decoration (Creative Art)

2) Floral Carpets

3) Paper Mache

4) Bead Work

5) Artificial Flowers.

6) Rangoli – Using various types of materials

Note :- Workshop to be conducted to teach new articles

Books Recommended

1) Goldseiu H. & Goldstaia V – ‘Art in Every day life’, Machllian co, New yark 4th Edition

2) Mann M- ‘Home Management Kalyani Publishers, New Delhi

3) Soundaraj S - ‘Text book of House hold Arts’, orient Lougman, Bombay

4) S>m°. B§{Xam IS>go ‘J¥hgOmdQ>’, {h_mb` npãb{e§J hmd\$g

5) {ÌdoUr \aH\$mS>o, gwb^m Jm|Jo ‘H\$m;Qw>§{~H\$

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npãbetJ H§\$nZr

6) S>m°. B§{Xam IS>go ‘J¥hi`dñWmnH\$ Am{U J¥hH\$bm’ {h_mb` npãbqeJ hmd\$g

7) S>m°. gwZ§Xm dgw ... S>m°. aOZr _ohao , ‘J¥hi`dñWmnZ

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B.Sc. HOME SCIENCE
SEMESTER II
EXTENSION EDUCATION
Paper V

Total Marks – 75
Theory- 50
Pra -15
Int Ass -10

Objectives:

- To develop understanding regarding population education.
- To acquire knowledge of rural development programme.
- To develop understanding regarding extension teaching.
- To understand the role of leaders in extension work.

UNIT - I

Population education: Meaning, definitions, need of population education, objectives of population education, population growth in India- its rate and reason. Concept related to population- birthrate, deathrate , growthrate, sex ratio, fertility.

UNIT- II

Rural development programmes:

IRDP-Integrated rural development programme

NREP-National rural employment programme

ICDS-Integrated child development scheme

NAEP-National adult education programme

Role of voluntary agencies and rural in rural institutions.

UNIT - III

Extension Teaching: Meaning and importance of extension teaching, factors contributing to teaching, principles of extension teaching, steps involves in extension teaching and desirable traits of a teacher for effective extension work.

UNIT- IV

Leadership in Extension: Definition of Leadership, type of leaders, methods of selecting local leaders in extension work, role of local leaders in extension work and methods of leadership training.

PRACTICALS:

1. Study of village panchayat and submission of report.
2. Preparation and presentation of flannel cutouts to provide effective communication to the group of learners.
3. Handling and operation of camera for extension photography.

INTERNAL ASSESSMENT

Write a detail account on one of the progressive programme held in your village.e.g. Gramin swachata aabhiyan, saksharta aabhiyan.etc.

REFERENCES:

1. Dahama ,O.P. and Bhatnagar ,O.P.,Education and communication for development, Oxford and B.M.publishing co., New Delhi.
2. Directorate of Extension, Extension education in community development, Ministry of food and agriculture,Govt. of India publication, New Delhi.
3. Vairagade,U. and Mule,V. Samudayik vikas va vistar shikshan, vidya books publishers, Aurangabad.

B. Sc I Home Science
Semester II
ENGLISH & COMMUNICATION SKILLS
Paper VI

Total Marks	: 75
Theory	: 50
Internal Assessment	: 25

Unit I

Text : English Prose for Pleasure and Profit (An Anthology)

By R.N. Roy published by S. Chand and Co. New Delhi.

Prescribed lessons :-

- __i) Martin Luther King ii) The Little Angel iii) The Way To Equal Distribution
iv) The Dying Sun

Unit II

1.Comprehension :-

An unseen passage will be given for analysis. Questions will be based on Comprehension of Content and Vocabulary. Answers must be written in the students Own language with minimum use of words and phrases from the passage.

UNIT III

1. Paragraph Writing :-

Students would be given four topics for paragraph writing. Out of which one is to be attempted with in 150 words.

2. Letter Writing :-

Students should be trained thoroughly in dealing With Formal Letters/Business Correspondence such as :

- 1) Sales Letters 2) Enquiry Letters 3) Job application Letters
4) Letters to the Editor 5) Business proposal

Unit IV

Grammar

Change of Voice

1. Degrees of Comparison
2. Transformation of Sentences : Use of – As soon as, No sooner than, either or, neither nor, unless, until, etc.
3. Phrasal Verbs
4. Punctuation

Internal Assessment :-

A)Personal Interview/Viva :-

The students will be given training on how to appear for an interview, what kind of common questions to expect, the kind of language required for appropriate formal responses etc. Role Play method is recommended here.

B)Group Discussion :-

Students will need to acquire Correct Speaking Skills as well as leadership skills taught through this module.

Method of Assessment :-

The student will be assessed for language fluency, Correct grammar and logical sentence construction.

Passing Marks for theory paper will be (18) of the total marks of (50) and for the Internal Assessment (10) of the total marks of (25)

Books Recommended :-

1)English Grammar Practical by Raj N. Bakshi ed. by Orient Longman.

2)English Grammar and Composition by Rajendra Pal and Premlata Suri ed by Sultan Chand and Sons, New Delhi.

3)Business Communication by Rajendra Pal and J.S. Korlahalli pub. by Sultan Chand and Sons, New Delhi, ISBN 81-7014-928-2

4)Creative English For Communication by N. Krishna swamy and T. Sriraman pub. by

Macmillan India Ltd.

B.Sc. HOME SCIENCE
SEMESTER-II
BASIC COMPUTER

1 Introduction to Internet

- 1.1) Basic of Internet
- 1.2) History of Internet
- 1.3) Basic Internet Terminology
- 1.4) Services on Internet
 - 1.4.1) World Wide Web (WWW)
 - 1.4.2) Newsgroups
 - 1.4.3) FTP
 - 1.4.4) Chatting
 - 1.4.5) E-Commerce
 - 1.4.6) Telnet
 - 1.4.7) Gopher
 - 1.4.8) E-mail
- 1.5) Connecting your PC to Internet
- 16) Creating your E-mail address
- 1.7) Sending mails
- 1.8) Reading mails
- 1.9) Forwarding mails
- 1.10) Search Engine
- 1.11) Chatting Fundamental
- 1.12) Social Networking Site
- 1.13) Cyber Crime
 - 1.13.1) Different kinds of Cyber Crime

Ms- PowerPoint 2007

- 2.1 Introduction to Power Point 2007
- 2. Basic PowerPoint Terminology
 - 2.2.1) Slide
 - 2.2.2) Presentation
 - 2.2.3) Notes
 - 2.2.4) Handouts
- 2.3) Starting PowerPoint
- 2.4) Creating a New Presentation

- 2.5) Saving a Presentation
- 2.6) Adding a New Slide to the Presentation
- 2.7) Different Views in PowerPoint 2007
 - 2.7.1) Normal View
 - 2.7.2) Slide Sorter View
 - 2.7.3) Notes Page View
 - 2.7.4) Slide Show View
- 2.8) Slide Layouts in PowerPoint 2007
- 2.9) Working with Text
 - 2.9.1) Moving a Text Box
 - 2.9.2) Resizing a Placeholder
 - 2.9.3) Rotating a Text Box
 - 2.9.4) Filling Color in a Text Box
 - 2.9.5) Changing the Font of Text
- 2.10) Theme in PowerPoint 2007
- 2.11) Clipart in Presentation
- 2.12) Organization Charts
- 2.13) Slide Show View
- 2.14) Slide Transition
- 2.15) Animating Slides
- 2.16) Master Slides
 - 2.16.1) Formatting a Slide Master
 - 2.16.2) Applying a Slide Master

30 p total

B.Sc. Home Science Part – I
Semester –II
Basic Food Science and Nutrition
Paper-I

Total Marks – 75
Theory- 50
Pra - 15
IA - 10

Unit I- Micronutrients

Minerals: Functions, Sources and Deficiency of:

- a) Major Minerals: 1) Calcium 2) Phosphorous 3) Iron 4) Iodine.
- b) Trace elements: 1) Sodium 2) Potassium 3) Magnesium 4) Copper 5) Zinc
- 6) Cobalt 7) Chlorine

Unit II- Micronutrients

Vitamins: Functions, Sources and Deficiency of:

- Water Soluble Vitamins: i) Thiamine (B₁) ii) Riboflavin (B₂) iii) Nicotinic acid (B₃) iv) Pyridoxine (B₆) v) Pantothenic acid vi) Biotin vii) Choline viii) Inositol ix) Folic Acid x) Cyanocobalamine (B₁₂) and Vitamin C.
- Fat Soluble Vitamins 1) Vitamin A .2) Vitamin D .3) Vitamin E. 4) Vitamin K.

Unit III

1. Water: Functions of water in human body, water balance, sources of water to the body, effect of dehydration and its prevention.
2. Definition and factors affecting BMR. Units of Energy. Energy measurement of food (Bomb calorimeter).

Unit IV

1. Objective of cooking food and cooking methods: a) Different cooking methods, different cooking media b) Effect of different methods of cooking of nutritive value of food.
2. Enhancing Nutritional Quality of Food: Germination, Fermentation, Supplementation, Substitution, Fortification and Enrichment.

PRACTICAL:

Simple cooking- preparation, serving, calculation of cost and yield.

- a) Chapati, Puri, Paratha, Missi Roti, Puran Poli, Bhakri (any 2).
- b) Pulse Preparation – Whole, Dehusk and Sprouted (any 2).
- c) Vegetable Preparation- Dry Curries and Baked (any 2).
- d) Fruit Preparation – Fresh, Dried Baked and Steamed (any 2).
- e) Milk Preparation – Porridge, Desserts, Curds, and Paneer Preparation (any 2).
- f) Egg. Preparation – Boiled, Fried, Poached and Custard (any 2).
- g) Desserts : Khova and milk based (any 2).

Internal Assessment

Any one of the following

1. Scrap Book: Related to food groups, Sources, Deficiencies of Various nutrients
- 2) Canteen

Books Recommended

1. Nutritive Value of Indian Foods: Gopalan C Rama Shastri & Balasubramanian S.C National Institute of Nutrition 1993.
2. Food Science, Chemistry and Experimental Foods: Dr. M.Swaminathan, The Bangalore Printing and Publishing Co.Ltd. 1995.
3. Essential of Food and Nutrition, vol. I (Fundamental aspects): Dr.Swaminathan, 2nd edition BAPPCO, 1985.
4. Applied Nutrition: R.Rajlaxmi Oxford & IBH Pub.Co.Pvt.Ltd. 3rd edition, 1981.
5. Food and Nutrition: The Educational Planning Group, Dehli, Arya Publishing House, 3rd edition 1991.
6. Food Chemistry: Meyer L.H.CBS Publishers & distributors, Dehli, 1987.
7. Scope Manual on Nutrition: Latham MC McGandy, McCann M.B. & Stare F.J Published by the Upjohn co.Kalamazoo, Michigan, 2nd edition . The Upjohn co Kalamazoo, Michigan 1972.
8. Every day Indian Processed foods: K.T.Achaya, National Book Trust, India 1984.
9. The Book of Ingredients: Philip Dowell and Adrian Bailey, Michael Joseph, Ltd.1980.

B.Sc Home Science
SEMESTER -II
Infant Stimulation And Toddlerhood
Paper- II

Total Marks – 75
Theory- 50
Pra - 15
IA - 10

UNIT-I Infancy:-

- (0-2 years) Neonate- an overview, reflexes, APGAR scale, adjustments of neonate, factors affecting, Physical development height, weight, head circumference. Definition, changes in body proportion & structure, common motor skills, pre-speech forms of communication, speech skills, cognitive developmental process, sensory motor development, socio-emotional development.

Unit-II Care:-

- Immunization.
- Guidance in feeding, weaning, teething, toilet training, bathing, sleeping, health &
- Postnatal care of mother & baby, importance of breast feeding , advantages of breast feeding , scientific method of breast feeding ,do's and don't's of bottle feeding .

Unit – III Toddlerhood:-

- Characteristics, developmental tasks, physical development, muscle control, speech development, emotional behavior, socialization, interest in play, development of understanding beginnings of morality, hazards & happiness.

Unit – IV Stimulation

- Development of senses, role of care giver in providing a safe environment for developing motor abilities. Significance of stimulation during infancy, type of stimulation, [visual, motor, auditory, language & tactile].
- Personality: - meaning, definition, factors influencing heredity environment, peer group, social interaction.

Practicals:-

1. Anthropometric measurement, introduction, height, weight, head, midarm, chest, circumference, measurement of 5 children & compare with norms (0-2 year's children). How to take measurements.
2. Learning & preparation of different activities for stimulation, tactile, auditory, motor, language, visual & cognitive.
3. Preparation of educational toys a) constrictive, b) matching / sorting / classifying, c) simple mathematical.

SESSIONAL:-

1. Survey of ten lactating mother(use of questionnaire is compulsory)
2. Visit to maternity ward.
3. Visit to well baby clinic
(Record to be maintained)

Book Recommended:-

1. Developmental Psychology : Elizabeth Hurlock, 5th edition, 1981, Tata McGraw Hill Publishing Co. New Delhi
2. Human Development : Dian E Papalia & Sally Wendkos olds, 5th Edition 1981,
1. Tata McGraw Hill Publishing Co. New Delhi
- 3 Child Psychology : Vatsayayan, 3rd edition Kedar Nath Ram Nath Meerul.
4. Developmental Psychology : Vatsayayan, 3rd edition Kedar Nath Ram Nath Meerul.
- 5 Children in Crèche : Alfred D`Souza, Intellectual Publishing House, Delhi

B. Sc. HOME SCIENCE
Semester II
FABRIC STUDY
Paper III

Total Marks – 75
Theory- 50
Pra - 15
IA - 10

UNIT I

- Introduction to method of fabric construction - weaving, knitting, braiding, lace making, knotting, felting and non - woven.
- STANDARD WEAVES -Plain and its derivatives, Twill and derivatives. Satin and sateen honey comb, brighton honeycomb, mock leno, Basic Knitting Technology: Principles and comparison of weaving and Knitting, Introduction to weft and warp knitting – Classification of weft knitting machines -Terms and definitions of weft knitting
- Study of basic weft knit structures and their characteristics -Knitting cycle of single jersey, rib and interlock structures

UNIT II

- Different methods of Finishing-General and Special finishing
- Singeing-type of singeing, Fabric and yarn singeing-desizing-type of desizing, Enzyme desizing method –scouring of cotton and wool -method of kier boiling, deg-bleaching- mercerizing-method of mercerizing, calendaring
- Wrinkle free finish -Water repellent -flame retardant and anti microbial finish. Special calendaring, shrinkage control

UNIT III

- Standard body measurements for children, ladies and gents. Sequence of taking body measurements for various age groups Fabric preparation for garment construction - pre-shrinking and trueing. Methods of layout and cutting. Placing and cutting pattern on stripe,check,plaid and one way and two way design Methods of garment construction suitable for different fabrics - drafting method

UNIT IV

- Clothing requirement for infants, toddlers, pre - school and elementary school children.

Self - help garment
- Wardrobe planning - meaning, importance and budgeting. Factors influencing wardrobe planning for different age groups. Methods of arrangement of garments in wardrobe. Storage of clothes

Practicals:

- Taking body measurements and preparing basic bodice block
- Drafting, cutting, stitching and finishing a baby layette (zabala, nappy, bib or feeder)
- Drafting, cutting, stitching and finishing of panty and bloomer
- Drafting, cutting, stitching and finishing of frock
- Adaptation of bodice block into designed frock
- Adaptation of bodice block into apron
- Basic embroidery stitches

Library reference:

- Doongaji, Basic processes and Clothing Construction, Raaj Prakashan, 6 ed., New Delhi.
- S.Dhantiyagi, Fundamentals of Textiles & their Care, Orient Longmans 4th ed. New Delhi.
- P.Bernard, Textiles fibre to fabric, Mc-Graw Hill International Editions.
- E.P.G.Gohl, Textile Science, CBS Publishers & Distributors.
- Mary Mathews 'Practical clothing construction' Thomson & Co. Madras, 1974
- Doongaji, Basic processes & Clothing Construction, Raaj Prakashan, 6 editions, New Delhi.
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- E.P.G.Gohl and L.D. Vilensky, Textile Science, CBS Publisher & Distributors

B.Sc. (Home Science)
Semester II
Resource Management
(Interior Decoration and design)
Paper – IV

Theory – Periods / Week (Credit -2)	Total Marks - 75
Practical – Periods / Week (Credit -1)	Theory - 50
	Practical - 15
	Internal Assessment - 10

Objective :

- 1) To develop skill in using colours to create different effects in space, with the use of various colour schemes.
- 2) To learn techniques of using colour in different media
- 3) To give knowledge of flowers / floral decoration and arrangement

COURSE CONTENT : Theory

Unit I – Importance of colour in Interior Decoration

Detail Study of Prang colour system :

- a. Characteristics or dimensions of colour
 - i) Hue ii) Value iii) Intensity
- b) Classification of color
 - i) Primary ii) Secondary iii) Intermediate iv) Tertiary
 - iv) Quarternary v) Neutral
- c) Warm & cool colours
- d) Advancing & Receding colours
- e) Colour wheel

Unit :- II

Colour Schemes :

- a) Related colour scheme : i) Monochromatic ii) Analogous
- b) Contrast colour scheme: i) Complementary ii) Double complementary
 - iii) Split complementary iv) Traid v) Neutral
- c) Colour schemes for different rooms
 - i) Kitchen and dinning
 - ii) Drawing room /Living room
 - iii) Bed room

Unit III –

Decorating Interior & Exterior:

- 1) Floral Decoration : i) Definition and importance ii) Objectives iii) Material required
- 2) i) Elements of Art in flower Arrangement. ii) Principles of Art in Flower arrangement .
- 3) Use of Flower arrangements: i) Personality ii) Occasion iii) Placement in rooms
- iv) Flowers as gift v) Bouquet: i) Spray of flowers ii) Potted

Unit IV – Types of flower arrangement

- 1. a) Traditional b) oriental / Japanese c) Modern d) Floating e) Miniature b) Dry
- 2) Artificial flower arrangement :
 - a) Artificial flower making b) Material required for Artificial flower arrangement
- 3) Do's & Don'ts in flower arrangement

COURSE CONTENT: Practicals

Total Marks - 15

Classes of Colours 04

Colour Scheme - 04

Flower decoration - 04

Record Book - 03

Ex No. 1 – Classes of colors

i) Primary ii) Secondary iii) Intermediate

Ex. No. 2 - Colour Wheel

Ex. No. 3 - Warm & cool colours

Ex. No. 4 - Value Scale

Ex No. 5 - Monochromatic colour scheme

Ex. No. 6 - Analogous colour scheme

Ex. No. 7 - Complementary colour scheme

Ex. No. 8 - Double complementary colour scheme

Ex. No. 9 - Triad colour Scheme

Ex No. 10 - Types of flower decoration / Arrangement

i) Single stick ii) Small Bunch iii) Miniature

iv) Modern

COURSE CONTENT:**Internal Assessment:****Marks (10)**

Accessories in interior (Any two)

- 1) Accessories in home decoration (Creative Art)
- 2) Floral Carpets
- 3) Paper Mache
- 4) Bead Work
- 5) Artificial Flowers.
- 6) Rangoli – Using various types of materials

Note :- Workshop to be conducted to teach new articles

Books Recommended

1) Goldseiu H. & Goldstaia V – ‘Art in Every day life’, Machllian co, New yark 4th Edition

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B.Sc. HOME SCIENCE
SEMESTER II
EXTENSION EDUCATION

Paper V

Total Marks – 75
Theory- 50
Pra -15
Int Ass -10

Objectives:

- To develop understanding regarding population education.
- To acquire knowledge of rural development programme.
- To develop understanding regarding extension teaching.
- To understand the role of leaders in extension work.

UNIT - I

Population education: Meaning, definitions, need of population education, objectives of population education, population growth in India- its rate and reason. Concept related to population- birthrate, deathrate , growthrate, sex ratio, fertility.

UNIT- II

Rural development programmes:

IRDP-Integrated rural development programme

NREP-National rural employment programme

ICDS-Integrated child development scheme

NAEP-National adult education programme

Role of voluntary agencies and rural in rural institutions.

UNIT - III

Extension Teaching: Meaning and importance of extension teaching, factors contributing to teaching, principles of extension teaching, steps involved in extension teaching and desirable traits of a teacher for effective extension work.

UNIT- IV

Leadership in Extension: Definition of Leadership, type of leaders, methods of selecting local leaders in extension work, role of local leaders in extension work and methods of leadership training.

PRACTICALS:

1. Study of village panchayat and submission of report.
2. Preparation and presentation of flannel cutouts to provide effective communication to the group of learners.
3. Handling and operation of camera for extension photography.

INTERNAL ASSESSMENT

Write a detail account on one of the progressive programme held in your village.e.g. Gramin swachata aabhiyan, saksharta aabhiyan.etc.

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B. Sc I Home Science
Semester II
ENGLISH & COMMUNICATION SKILLS
Paper VI

Total Marks : 75
Theory : 50
Internal Assessment : 25

Unit I

Text : English Prose for Pleasure and Profit (An Anthology)

By R.N. Roy published by S. Chand and Co. New Delhi.

Prescribed lessons :-

- _i) Martin Luther King ii) The Little Angel iii) The Way To Equal Distribution
iv) The Dying Sun

Unit II

1. Comprehension :-

An unseen passage will be given for analysis. Questions will be based on Comprehension of Content and Vocabulary. Answers must be written in the students Own language with minimum use of words and phrases from the passage.

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1. Paragraph Writing :-

Students would be given four topics for paragraph writing. Out of which one is to be attempted with in 150 words.

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Students should be trained thoroughly in dealing With Formal Letters/Business Correspondence such as :

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Unit IV

Grammar

Change of Voice

1. Degrees of Comparison
2. Transformation of Sentences : Use of – As soon as, No sooner than, either or, neither nor, unless, until, etc.
3. Phrasal Verbs
4. Punctuation

Internal Assessment :-

A)Personal Interview/Viva :-

The students will be given training on how to appear for an interview, what kind of common questions to expect, the kind of language required for appropriate formal responses etc. Role Play method is recommended here.

B)Group Discussion :-

Students will need to acquire Correct Speaking Skills as well as leadership skills taught through this module.

Method of Assessment :-

The student will be assessed for language fluency, Correct grammar and logical sentence construction.

Passing Marks for theory paper will be (18) of the total marks of (50) and for the Internal Assessment (10) of the total marks of (25)

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B.Sc. HOME SCIENCE
SEMESTER-II
BASIC COMPUTER

1 Introduction to Internet

- 1.1) Basic of Internet
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Ms- PowerPoint 2007

- 2.1 Introduction to Power Point 2007
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- 2.9) Working with Text
 - 2.9.1) Moving a Text Box
 - 2.9.2) Resizing a Placeholder
 - 2.9.3) Rotating a Text Box
 - 2.9.4) Filling Color in a Text Box
 - 2.9.5) Changing the Font of Text
- 2.10) Theme in PowerPoint 2007
- 2.11) Clipart in Presentation
- 2.12) Organization Charts
- 2.13) Slide Show View
- 2.14) Slide Transition
- 2.15) Animating Slides
- 2.16) Master Slides
 - 2.16.1) Formatting a Slide Master
 - 2.16.2) Applying a Slide Master

30 p total