

**VEER NARMAD SOUTH GUJARAT UNIVERSITY**  
**UNDER GRAUDATE COURSE**

B.A. Home Science : Composite work load and marks distribution  
Effect from June-July 2002

Year	Paper No.	Title of the Paper	Period/Week		Total Marks			
			The.	Prac.	Ext.	Int.	Ext.	Int.
F.Y.B.A.	I	Introduction to Home Science Education & External	3	2	45	20	25	10
	II	Applied Biology	3	2	45	20	25	10
	III	Introduction to Nutrition	3	2	45	20	25	10
	IV	Home Management	3	2	45	20	25	10
S.Y.B.A.	I	Human Development First Aid & Home-Nursing	3	2	45	20	25	10
	II	Basic Science Applied to Home Sc.	3	2	45	20	25	10
	III	Meal Management	3	2	45	20	25	10
	IV	Introduction to Cloth-ing Textiles	3	2	45	20	25	10
T.Y.B.A.	I	Diet Therapy	3	2	45	20	25	10
	II	Basic Science- Applied to Home Sc.	3	2	45	20	25	10
	III	Food Preservation	3	2	45	20	25	10
	IV	Home Management	3	2	45	20	25	10
	V	Advance Clothing, Textiles & Laundry Work	3	2	45	20	25	10
	VI	Communication and Ext-3 Extension Teaching	3	2	45	20	25	10

Distribution of Internal Marks: F.Y. /S.Y. / T.Y.B.A.

TOTAL MARKS : 30 Theory + Practical ( Combined Passing )

Theory	Practical	Library Work	Attendances	Total
10	10	05	05	= 30

# **VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT**

## **S.Y.B.A. Paper No.-I**

### **Human Development & First Aid Home Nursing**

**Effect from: 2002-2003.**

3 Period/ Week Theory

Theory Ext. 45 Marks & Int. 20 Marks.

2 Period/ Week Practical

Practical 25 Marks & Int. 10 Marks

### **Objectives:**

1. To develop understanding recording develop mental task of Child at various stages of development.
2. To learn about the elementary process of first aid.
3. To learn about home nursing.
4. Appreciate sequential stage of development during Childhood.

### **Theory**

#### **Unit-I**

Structure- of

1. Male and Female Reproductive organs.
2. Antenatal development of child & his care.
  - a. Importance of antenatal medical Examination.
  - b. Intrauterine development of a fetus the factors affecting it.
  - c. Signs & Symptoms of Pregnancy.
  - d. Physiological Changes during Pregnancy.
  - e. Care during Pregnancy & lactation.
  - f. Detlection of Pregnancy.
3. Normal delivery, immediate care of mother & child.
4. Congenital defects of new born baby.
5. Avoiding infections by proper medical care.
6. Common diseases of children, their symptoms and treatment.
7. Family Planning, importance & mother's of birth control.

## **Unit- II**

1. Bases of human development genes & chromosomes, here ditty & environment meaning and iteration. The role of nature, & nature in determining intelligent eg. Personality & behavior.
2. Pre natal development- stages, factors influencing birth process & complications.
3. Infancy:- Physical & Motor, social & emotional , cognitive & language development.
4. Early Childhood Years development milestones and antecedent, influences in physical & motor, social, emotional conglnitive language development.
5. Middle & late Childhood- Development trends- Physical, emotional social & intellectual.

## **Unit- III**

First aid & Home Nursing.

1. Principals of First aid.
2. Materials used in First aid.
3. Home Nursing:
  - (i) Philosophy of home nursing
  - (ii) Basic Principles of home nursing
  - (iii) Caring for the patient who is in bed positioning, moving, feeding & providing for climation.
4. Evaluating the patient temperature (types) pulse & respiration rates, blood pressure & throat in spection.
5. Common illnesses communicable diseases & preventions. Common cold, influenza, Pneumonias, small pox, chicken pox various types of poisoning venerable diseases.
6. Meaning of illness Signs & symptoms & illness to report to the Doctor.

## **References:**

1. Write: Human Physiology
2. Chattaroy, Text book of Physiology.
3. Elizabeth Hurlock Child development.
4. Family Health & Home Nursing American red cross.
5. Newman & Newman, Infancy & childhood development & its contexts. John, Wiley 1980.

## **Practicals**

- 1 Equipment used in first aid.
- 2 Examination of temperature, pulse respiration and blood pressure used instruments.
- 3 Methods of artificial respiration
- 4 Different types of bandages and their uses in dressings.
- 5 Give first aid in following conditions:-
  - i. high body temperature
  - ii. low body temperature
  - iii. Burns, fire, acid, alkalies .
  - iv. Snake bite, scorpion slings & insect animal bites.
  - v. Cuts & wounds
  - vi. Dehydrations
  - vii. Suffocation
  - viii. Fracture
  - ix. Fainting
  - x. Cramps
  - xi. Sprained Muscles
  - xii. Hysting
  - xiii. Electrical Shock
  - xiv. Foreign body in eyes, ears, nose & throat
  - xv. Drawing
  - xvi. Heat Stroke
6. Transporting & handling the injures.
6. Bed Making
7. Preparations of first aid box for house hold use.

## Practical Marking Scheme

1. Identify & Describe Samples	(12)
2. Method of artificial Respiration OR Different Bandage	(05)
3. To measure pulse rate & Temperature of the body	(04)
4. Journal	(04)
Total:	<hr style="width: 100%; border: 0.5px solid black;"/> (25) <hr style="width: 100%; border: 0.5px solid black;"/>

**VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT**  
**S.Y.B.A-PAPER-II**  
**BASIC SCIENCE APPLIED TO HOME SCIENCE**  
**Effect from June July-2002**

Theory-3 Periods/Week  
Practical-2 Periods/Week

Theory-45 marks Internal 20  
Practical-25 marks Internal 10

Objective:

The Theory & practical course is designed to serve as a sound basis for the study of Nutrition, Food-Science, Biochemistry etc.

**UNIT-I**

- 1 Elementary knowledge about various chemical methods.  
Filtration, Distillation, Sublimation, etc.
- 2 Elementary knowledge about atom, molecule, symbols, formula, valency, radicals.
- 3 Definition, characteristics of elements, metallic & Nonmetallic Elements, Comounds, Mixture.
- 4 Chemical equations & its importance.
- 5 Oxidation-Redution.
- 6 Chemical reactions – Types and conditions necessary for chemical reactions.
- 7 Properties of Acids, Bases, pH, Buffer solutions, their uses, and Neutralisation.
- 8 Eletrolysis, Hydrolysis, Ionisation, Electroplating, Practical application of these Processes.
- 9 Colloids, types, properties, Practical applications.

**UNIT-II**

- 1 General Properties of Carbon Dioxide, Oxygen, Chlorine, Sulphur Dioxide and their uses.
- 2 Allotropy of Carbon & Sulphar, Properties and uses.
- 3 Properties and uses of Aluminum, Copper, Silver & Gold, method of cleaning the articles made from these metals.

- 4 Water Properties, types of water – Hard water, Soft water, methods of softening hard water, Characteristics of potable water.
- 5 Solution – Definition, types, concentration.
- 6 Formula, Main Properties and uses of the following substances.
  - a. sodium hydroxide.
  - b. Potassium hydroxide.
  - c. Sodium Carbonate.
  - d. Sodium bicarbonate.
  - e. Sodium chloride.
  - f. Plaster of Paris.
  - g. Alum.
  - h. Boric acid; Borax
  - i. Potassium permanganate.
  - j. Sodium benzoate.
  - k. Potassium Meta-bisulphate.
  - l. Citric acid.
  - m. Acetic acid.

### **UNIT-III**

#### **ORGANIC CHEMISTRY:**

- 1 Molecular and structural formula; Isomerism.
- 2 Wood, coal and petroleum as chief sources of organic compounds. (destructive distillation of wood, coal and petroleum.)
- 3 Carbohydrates: classification, formula, properties and biological importances
- 4 Protein: Chemical nature, classification of Amino acid & Protein, properties of protein and biological importances.
- 5 Lipid: composition, classification, properties and biological importances & Esters, Esterification.
- 6 Enzyme : Definition, composition, Nomenclature, classification, mode of action, enzyme inhibitors and biological importances.
- 7 Alcohol: Ethyl alcohol, method of preparation, (fermentation) properties and uses.
- 8 Principle method & uses of paper chromatography.

## **PRACTICALS**

1 The following practical are to be performed by the students.

- (i) Acid-Base volumetric Exercise-Double titrations. (atleast-5 Exercise.)
- (ii) Determination of Hardness of water, Calcium, Magnesium. (EDTA method)
- (iii) Determination of Chloride – sodium chloride. (AgNO<sub>3</sub>- method, Titration method.)
- (iv) Determination of Total Alkalinity – Carbonate, bicarbonate.
- (v) Separation of plant pigments by paper chromatography method.

2 Biochemical Test:

- (i) carbohydrates: Glucose, Sucrose, Starch.
- (ii) Protein.
- (iii) Lipid.

3 Determine PH of water.

## **REFERENCES**

- 1 Elementary Biochemistry : Edwin T. Mertz, Vakils, G.U. Mehta, Bombay Feffer & Simons Pvt. Ltd. 1973.
- 2 Fundamental Inorganic & Organic Chemistry : P.L. Soni S.Chand & Sons, New Delhi, 1976.
- 3 A Text Book of Biochemistry – Mahinder Singh.
- 4 આધુનિક રસાયણશાસ્ત્ર ૧-૨ – પોપ્યુલર પ્રકાશન
- 5 કોલેજ રસાયણશાસ્ત્ર – ભૌતિક – અકાર્બનિક – કાર્બનિક રસાયણશાસ્ત્ર – પોપ્યુલર પ્રકાશન, સુરત
- 6 અકાર્બનિક – કાર્બનિક રસાયણશાસ્ત્ર – કાઝી – મપાય – દેસાઈ – તલાટી – પોપ્યુલર પ્રકાશન, સુરત
- 7 પ્રાયોગિક કોલેજ – રસાયણશાસ્ત્ર – દેસાઈ – મપાય – દેસાઈ – પોપ્યુલર પ્રકાશન, સુરત
- 8 પ્રાયોગિક રસાયણશાસ્ત્ર – વિધિ – શાહ – વ્યાસ – અનંતા પ્રકાશન, અમદાવાદ

## **Practical Marking Scheme**

- A. One volumetric exercise (Double titration) OR  
Determination of hardness of water, Ca<sup>++</sup>, Mg<sup>++</sup>, chloride,  
sodium chloride & Total alkalinity 15 marks
- B. Biochemical test (any two) 6 marks
- C. Journal 4 marks

# VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

## S.Y.B.A. Home Science Paper No- III

### Family Meal Planning

### Effect From 2002-2003.

3 Period/ Week Theory                      Theory Ext. 45 Marks & Int. 20 Marks.

2 Period/ Week Practical                      Practical 25 Marks & Int. 10 Marks

#### Objectives:

1. To learn the principles of meal planning
2. To plan & prepare meals for family members at different income level.
3. To plan & prepare food for various groups of people.

#### Course Content Theory

#### Unit- I

- A. Importance of meal planning
- B. Principles of meal planning underlying factors which should be considered before planning meals.
- C. Use of weight & measures.
- D. Meal service different types of meal service Indian service & Table setting.
- E. Calculation of calorie requirements for adult man, adult woman & for various occupations.

#### Unit – II

#### Nutrition for mothers & infants.

- I. Nutrition during pregnancy
  - a. Changes during pregnancy.
  - b. Desirable weight gain.
  - c. Physical Activity.
  - d. Nutritional Requirement
  - e. Complication during various stages of pregnancy.

- II. Nutrition during lactation.
  - a. Requirement during lactation.
  - b. Effect of mothers' diet on the composition & output of milk.
  - c. Effect of malnutrition on nutrition status of nursing mothers methods to improve their nutrition status.
  - d. Diet for lactating women.
  - e. Breast feeding.
  - f. Contraindications to breastfeeding.
  
- III. Nutrition during infancy
  - a. Nutritional requirement in infancy.
  - b. Growth & development during infancy.
  - c. Difference between human & animal milk.
  - d. Bottle feeding
  - e. Types of milk methods of formula preparation.
  - f. Dietary requirements, supplementary foods
  - g. Introducing First Food.
  - h. Meal times.
  - i. Nutrition in Practice – encouraging successfully breast feeding.

### **Unit- III**

#### **Nutrition for specific groups**

- I. Nutrition for toddlers & preschoolers
  - a. Growth & Development
  - b. Nutritional requirement
  - c. Balance diet during preschool years
  - d. Good food habits.
  
- II. Nutrition for elementary school children
  - a. Growth & development
  - b. Nutritional requirement
  - c. Importance of nutrition education
  - d. Diet for school children
  - e. Balance Diet
  - f. Malnutrition in children
  - g. Lead poisoning in children
  - h. Food Allergies

- i. Hyper activity
  - j. Food choice & eating habits of Children
  - k. Meal times at home
  - l. Nutrition at School
- III. Nutrition during adolescence
- a. Growth & Development
  - b. Nutritional Requirement
  - c. Balanced diet, for boys & girls
  - d. Food choice & health habits
  - e. Problems adolescence face
  - f. Nutrition assessment

#### **Unit – IV**

- I. Nutrition for an industrial worker
  - a. Nutritional Requirement
  - b. Causes of Malnutrition
  - c. Measures for improving their nutrition
- II. Nutrition for athletes
  - a. Nutritional Requirement.
  - b. Meal composition 4 athletic performance.
  - c. Athletic performance effect of tea & coffee and alcohol
- III. Geriatric Nutrition
  - a. Nutritional need
  - b. Changes Occur during aging.
  - c. Nutrition & disease prevention
  - d. Food choices & eating habits of older adults
  - e. Nutritional assessment of older adults

#### **Unit –V**

##### Nutrition for Specific Condition.

- I. Principles of planning diet for underweight over weight & weight control.
  - a. Body weight & body control
  - b. Defining healthy body Weight
  - c. Causes of obesity
  - d. Health risks of overweight & obesity
  - e. Aggressive treatments of obesity

- f. Obesity & drugs low calories of obesity
- g. Reasonable strategies for weight loss
- h. Diet- Physical activity
- i. Under weight
- j. Strategies for weight gain
- k. Eating Disorders

## **Unit – VI**

### **I. Dietary Management of some childhood disease & infection**

- a. Cold cough & fever
- b. Diarroea, Vomiting & Constipation
- c. Measeals & Mumps
- d. Intestinal worms their types & dangers symptoms care to be taken children’s development

### **II. Food, Facts & Follicles.**

## **Practical.**

1. Calculation for food values
2. Weight & measures of raw & cooked foods
3. Arranging different types of table setting
4. Planning & Cooking the day’s menu for
  - ( 1 ). Pregnant women.....( 1 )
  - ( 2 ). Lactating “ women .....( 1 )
  - ( 3 ). Industrial Worker.....( 1 )
  - ( 4 ). Sendentary worker ..... ( 1 )
  - ( 5 ). Light worker..... .( 1 )
  - ( 6 ). Athlets.....( 1 )
  - ( 7 ). Infancy..... .( 1 )
  - ( 8 ). Under Weight .....( 1 )
  - ( 9 ). Over Weight.....( 1 )
  - (10). Pre school children.....( 1 )
  - (11). School children.....( 1 )
  - (12). Adolescent- boy’s & girl’s.....( 2 )
  - (13). Old Age.....( 1 )
  - (14). Planning for normal male/female
    - low income group.....( 3 )
    - middle income group.....
    - Higher income groups

### Practical Marking Scheme

Journal	4	
Whole Day Planning Calculations	6	
Selection of Dish	6	
Taste	6	
Viva	3	
Total	25	Marks

#### References:

Diet Atlast of India, 1971 NIN Publication, Hyderabad.

Balance Diet & Nutritive Value of Common Recipice Mysore 1976.

Essential of nutrition by Swami Nathan 1979 Second Edition

Vol-I Chapter 16, 17, 18, 19, 20, 22, 23.

Vol-II Chapter 1, 10, 15, 19

Ganesh & Co Madras.

Applied Nutrition By Raja Lakshmi 2nd Edition 1979.

Meal Management by Krider 1962

A text book of foods & Nutrition & Dietetics by Rehana Begum  
Sterling Publication.

# **VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT**

## **S.Y.B.A.**

### **Home Science – IV**

### **Home Management**

#### **Effect from June-July-2002**

3 Period/ Week Theory                      Theory Ext. 45 Marks & Int. 20 Marks.

2 Period/ Week Practical                      Practical 25 Marks & Int. 10 Marks.

#### Objectives:

1. To understand principles of housing
2. To understand standards of housing which will provide adequate facilities for work, rest, privacy, health, comfort, peace, order, and beauty.
3. To learn simple techniques of scale drawing.
4. To understand the elements and principles of design.
5. To learn to appreciate dimensions of colour and its applications.
6. To develop an ability to apply principles of art in creating designs and art objects.

#### Theory Unit- I

1. Family Housing: Family's housing needs, protective, economical, affectional, and social and status defining housing values.
2. Modern concepts of adequate house: Sufficient space, functional work areas, storage, satisfactory ventilations comfort, natural lighting, comfort and convenience services.
3. Factors which influence selection of a house.
  - a) Income of a Family
  - b) Socio- economic status
  - c) Standard of living
  - d) Stages of family life cycle
  - e) Occupation and other activities
  - f) Climatic conditions and locality

4. Selection and purchase of site for a house.
  - a) Legal records to be checked before purchasing site
  - b) Location
  - c) Physical features
  - d) Soil conditions
  - e) Shape and Size
  - f) Cost
  - g) Sanitary requirements
  - h) Practical considerations.
  
5. Judging a suitable house, Consideration of Important features of house planning
  - a) Room Organization
    - i) Sun, Wind, rain
    - ii) View
  - b) Grouping of Rooms
  - c) Circulations within and between the rooms.
  - d) Flexibility
  - e) Sanitation
  - f) Privacy
  - g) Roominess or spaciousness
  - h) Appearance
  - i) Economy
  
- 6
  - a) Financial and other considerations in housing
    - i) Housing Development Finance Corporation
    - ii) Life Insurance Corporation
    - iii) Co-operative Banks
    - iv) National Banks
    - v) Loan from provident fund
  - b) Factors influencing housing cost.
  - c) Building v/s buying a house  
Owning v/s renting a house
  
- 7 Building materials:
  - i) General Building Materials
  
- 8 Planning of Different rooms:

- a) Living room : Western and Indian Style
- b) Dinning room
- c) Bed- room : Master, Children , Guest
- d) Kitchen : Western and Indian Style
- e) Store- room
- f) Bath- room and W.C.
- g) Passage, lobby and stair-case.

#### 9. Vaastu Shastra :

Introduction, History, Vaastu Purush, Scientific evaluation of Vaastu Shastra knowledge of direction in related to room planning, selection of site.

Types of Vaastu, land slopes, entrance doors, Gates, Puja room, Bed-room, Living room, Kitchen, water tank, Bathroom, Toilet . Windows, Balcony, Stair-case, Basement, Store –room, Study room, Dinning room, Parking Compound wall, Second Floor, Various Plants like- peepal, Tulsi , Coconut, Lemon and Money Plant related to Vaastu Shastra.

#### Unit-II

1. Design in everyday life – In nature In man-made objects.
2. Elements of Design.
  - a) Line : Horizontal, Vertical, Curved, Diagonal.
  - b) Form : Form follows function
  - c) Texture :
    - i) Types of texture
    - ii) Importance of texture in design.
  - d) Light : Importance of light as an art element and effect of light on colour & texture
  - e) Space : Organization of space.
  - f) Pattern : Units of design
  - g) Colour : Importance of colour as an art element.
3. A. Types of design :
  - a) Structural designs.
  - b) Decorative design. Natural, Stylized, Abstract.
  - c) Definition characteristics of design with examples.
 B. Aims of design : Beauty, Functionalism, Expressive –ness.
4. Principles of Design.
  - a) Harmony – Definition, Aspects of harmony, line, Shape, Colour, size, texture, idea

- b) Proportion – Definition, interest through space relationship producing a change in appearance scale.
- c) Balance – Definition, types of Balance.
- d) Rhythm – Definition, methods of obtaining rhythm.
- e) Emphasis – Definition, How to emphasize, What to emphasize.

5. Colour:

- a) The sources of colour
- b) How we see colour
- c) Neutral colours
- d) Classification of colour
  - i) Primary colours
  - ii) Binary colours
  - iii) Intermediate colours
  - iv) Territary colours
  - v) Quaternary colours
- d) Qualities of colours:
  - I Related Colour scheme
    - i) Monochromatic colour
    - ii) Analogous Colour Scheme
  - II Contrasting colour schemes:
    - i) Complementary
    - ii) Double Complementary
    - iii) Split Complementary
    - iii) Triads

6. Flower Arrangement:

- a) Definition
- b) Elements of Arts
- c) Principles of Design
- d) Types of flower arrangement
- e) Plant materials
- f) Foliage and Berry arrangement, Drying of flower & plants, fruits and vegetables arrangements, Dry arrangement.
- g) Containers and vases.
- h) Accessories
- i) Care of flowers during and after cutting
- j) Japanese flower Arrangement

## 7. Furniture Arrangement:

- a) Selection of furniture
- b) Basic materials used for making furniture and their finishing
  - i) Types of wood
  - ii) Wood process – Block Boards, Laminates, Sun mica, form ica
  - iii) Metals iron, aluminum.
  - iv) Cane.
  - v) Glass
  - vi) Foam rubber
  - vii) Dunlop sheet.
- c) Arrangement of furniture
- d) Care and use of furniture
- e) Cleaning of furniture

## 8. Lighting:

- a) Natural and Artificial
- b) Types of Lighting
- c) Lighting arrangements for various rooms.

## **PRACTICALS:**

1. Signs involved in the planning of house Plan and Elevation
  - a) House symbols
  - b) Furniture signs and sizes
2. Furnishing utility rooms: Plans and Front Elevation
3. Drawing room:
  - i) Indian style drawing room.
  - ii) Western style drawing room.

## **PRACTICALS:**

All plans should be done on graph paper and drawing sheets. Drawing sheet plan contains floor plans, elevation plans showing colour schemes with colored pencils of poster colours.

- b) Kitchens:
  - i) Western Style Kitchen U, L, Single wall, double walls.
  - ii) Indian Style Kitchen
- c) Bedroom:
  - i) Single Bed room
  - ii) Double Bed room.
- d) Children's room
- e) Prayer's room
- f) Conference room
- g) All purpose room.

### 3 House Plan for: Plan and elevation

- a) Lower class or chali type.
- b) Middle class or flat type.
- c) Higher class or Bunglow type.

All room plans should include :

- (i) Elements of Design.
- (ii) Principles of Design
- (iii) Colour schemes for walls, windows, curtains, furnishing etc.
- (iv) Proper Direction and connection of room with Other room .
- (v) Proper size related to family member, activities small middle large room.
- (vi) Income of the family members its contribution to Furniture draperies, wall paints, wall papers and other items.

Demonstration: Different types of fresh & dry flower arrangements

## **REFERENCES :**

### **UNIT-I**

1. Agaln, Tessie, J. B. Lipin cott. – The House its plan and use .
2. Beyer Glann.  
Housing : A factual analysis
3. Despande R. S. : Modern Ideal Homes for India.
4. Despande R. S. : Build your own Home.
5. Despande R. S. : Materials of construction .
6. Agan T. and Luschsinger – The House
7. Punekar D. D. :The Housing problems of India.
8. Raid M. ,- Housing amd Income , Delhi University press.
9. carrah, Terence – The House Book
10. Doras, Lewis and Barns – Housing and Home Management.
11. Chowdhary N. – Building materials –Bani Book Co.
12. Hall Ernest and Wilking - Home plumbing.
13. Mitra Nagedra Nath –Materials of construction as used in India.
14. National Building code of India – IsI-1970

### **Reference Unit –II**

1. Craig and Rush –Homes with character.
2. Faulkner, siegisld, Hill –Art – Today.
3. Faulkner, Ray, Faulkner –Inside Today’s Home.
4. Goldstein and Goldstein -Art in enery day life.
5. Grave, Maitland. –The Art of colour and Design.
6. Rutt, Anna Hong - Home furnishing.
7. Graham, William – Furnishing your Home.
8. Greham, William – Lighing your Home.
9. Terence Cowran – The House Book.
10. The editions of House and Garder “ House and Gardn’s complete guide to Interior Decoration.
11. William E. O. Neill –Good Taste in Decoration.
12. William E. O. Neill – Walls and windows.
13. Same as above 12 – Furniture and Accessories.
14. Ball Victoria kloss –The Art of Interior Design.
15. William E. O. Neill – Floor finishing.
16. Bettler and Lockhart -Design for you
17. Holsey, Elizabeth I – Home Journal Book of Interior
18. Duncans Miller - Interior designing.

19. Premlata Mullic –Elements of Home Science.
20. Pramila Mehra –Interior Decoration.
21. Dunman Millers \_ Interior Decoration.

**Marking Scheme for Practical**

- |  |         |
|--|---------|
| 1. Journal                                       | 4 marks |
| 2. Q-1. Graph                                    | 5 marks |
| Theory   | 4 marks |
| 3. Q-2. Floor Elevation Plan<br>on drawing Sheet | 5 marks |
|  | 5 marks |
| 4. Direction, Scale                              | 2 marks |

# VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

S. Y. B. A.

Home Science –Paper-V

Introduction to clothing & Textile

Theory 3 Periods / week

External theory 45

Internal “ 20

Practical 2 Periods / week

External Practical 25

Internal “ 10

Objective:

1. TO make the students aware of the importance of taking proper measurements
2. To make the students aware of the principles of clothing construction.
3. TO make the student aware of the importance of selecting proper fabric for Various use.
4. TO educate the student about textile fibers.

Course Content –

## 1 Introduction –

- 1 Scope and importance of clothing.
- 2 Reasons for wearing clothes.  
Importance during ancient times and present period.
- 3 Attitudes towards modesty, religious beliefs.

## 2 General principles of clothing construction

- 1 Importance of dratting and making paper patterns.
- 2 Knowledge of standard measuring points and taking body measurements for all type of garment.
- 3 Preparation of fabric for clothing construction.
- 4 Placing and cutting of paper patterns in relation to texture and design.
- 5 Calculating for different garments.

- 3 Aesthetics in dress –
  - 1 Designs- principles—balance, harmony, rhythm, proportion and emphasis.
  - 2 Elements:-
    - a. Colour- its dimensions, harmonies, and effect. Its use in relation to season, occasion, size, figure and complexion.
    - b. Line analysis and their appropriate use.
- 4 Selection of fabric and clothes.
  - 1 General principle of fabric selection
  - 2 Selection of suitable fabrics for- clothing according to age, climate, occupation, figure, fashion.
  - 3 Household Textiles:-
    - A Table Linen
    - B Towels
    - C Bed Sheets & Pillow Covers
    - D Blankets
    - E Curtains and Draperies
- 5 Buying Readymade Clothes and comparisons between home made, tailor-made and ready made garments.
- 6 Equipments and Supplies used in Clothing Construction their use and care.
- 7 A study of Indian Sarees.
- 8 A brief study of Traditional Textiles and embroidery.
- 9 Care and Storage of clothing –
  - a Renovation
  - b Mending-
    - 1 Patching-plain, printed
    - 2 Daring-Thin place, hole, edge, tear and Knife cut.

## **Textiles**

- i. Scope and importance of textiles
- ii. Classification of textile of each fiber.
- iii. General properties of textile fiber.

## **Practical**

- 1 Use and care of sewing machine. Errors and remedies
- 2 Knowledge of standard measuring points and taking body measurements.
- 3 Disposal of fullness:-
  - 1 Darts
  - 2 Tucks
  - 3 Pleats
  - 4 Gathers
  - 5 Frills
  - 6 Smocking
- 4 Different types of seams
- 5 Plackets, yokes, decorative and functional
- 6 Constructions of following garments.
  - 1 Zabla
  - 2 Sun suit
  - 3 Baby frock with collar and sleeve.
  - 4 Baba-Suit
- 7 Different types of sleeves on paper
- 8 Different types of Collars on paper
- 9 Bandhani
- 10 Embroidery Stitches made a small sample during a year
  - A Indian Embroidery
    - I Phulkari of Punjab
    - II Kantha of Bengal
    - III Chikankari of Lucknow
    - IV Kasida of Kashmir
    - V Kutchh Embro
    - VI Kathiawad Embro
    - VII Kasuti of Karnataka
    - VIII Jardozi- Gold & Silver Embro

## **Recent Embro**

- I Slip Stich }
- II Chain Stich }
- III Long & Short }
- IV Satin }
- V Fishbone }
- VI Feather }
- VII Cut Work }

Make one sample using these stitches

11 Crochet

**VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT**

**S.Y.B.A. Home Science- V**

**Marking Scheme**

**Introduction to Clothing & Textile**

Q-1	Journal	04 Marks
Q-2	Class work Samples	08 Marks
Q-3	Drafting Or Stitching Garments	06 Marks
Q-4	Stitching:-	
	1 Darts	
	2 Tucks	
	3 Pleats	
	4 Gathers	
	5 Frills	
	6 Placket	
	7 Yoke	
	8 Seams	
	9 Smocking	
Q-5	Embroidery or Tie and Dye Or Crochet	03 Marks

---

25 Marks

---

## **References:-**

1. Wingati I.B.  
Textile Fabrics and their selection Prentice hall-1976
2. Pantnouski E and Puntholsski Darlas Art principles in clothing Macmillan and Co.
3. Gold Stein and Goldsterni –  
Art in every day's life – I.B.H. Publishing Co. Oxford-1955
4. Dongerkery K.S.  
Romance of Indian Embroidery, Thacker & Co. Ltd. Bombay-1951
5. Chattopadhyay K.  
Indian Embro  
Wilay Eastern Ltd. -1977
6. Towers E.L.  
Standard, process in Dress Making University of London Press- London-1960
7. Lewis, D.J. Bowers Mace and Keltunen in clothing construction and wardrobe planning. The Macmillan Co. New York- 1960
8. Bakhni A.S.  
Usha Tailoring Guide  
The Jay Engineering Works Ltd. Calcutta-1952
9. Raul Jewel  
Encyclopedia of dress making A.O.H. Publishing Corp. D.