

UNIVERSITY OF JAMMU

**SYLLABI AND COURSES OF STUDY FOR HOME SCIENCE SEMESTER III FOR THE
EXAMINATION TO BE HELD IN THE YEARS 2015, 2016 AND 2017**

course	Subject Code	Maximum Marks		Duration Of Examination
		University Examination	Internal Assessment	
	General English			
HS 301(T)	Elements of food science & normal nutrition	80	20	3hrs
HS 301(P)	Practicals	25	25	3hrs
HS 303(T)	Introduction to textiles science	80	20	3hrs
HS 303(P)	Practicals	25	25	3hrs
HS 306(T) & statistics	Basics of research methods	80	20	3hrs
HS 306(P)	Practicals	25	25	3hrs

B.Sc. Home Science (Semester III)

ELEMENTS OF FOOD SCIENCE AND NORMAL NUTRITION

Duration of Examination: 3hrs

Course code: HS 301(T)

Credits: 4(4hrs. per week)

Max marks = 100

External assessment =80

Internal assessment = 20

Syllabus for Examination to be held in the year 2015, 2016 & 2017

Objectives:

- 1) To understand the basic structure, composition & methods of cooking foods.
- 2) To know how various foods influence dietary practices of individuals.
- 3) To get familiar with the nutritional needs at different stages of growth from birth.
- 4) To know the importance and techniques of food preservation.
- 5) To understand the concept of adulteration & the efforts of the Government to check the menace.

UNIT-I

- ❖ Introduction to food Science.
- ❖ Definition, importance, objectives and methods of cooking food. Effects of cooking on nutritive value of foods.
- ❖ Basic Terminology used in Food Science.

UNIT- II

- ❖ Cereals – Structure, composition, Parboiling.
- ❖ Pulses- Structure, composition.
- ❖ Vegetables – Composition, Nutritive value, Pigments.
- ❖ Fruits - Composition, Nutritive value, Pigments.
- ❖ Milk– composition, milk products used in cookery, pasteurization.

UNIT- III

- ❖ Fleshy foods- Meat, Fish, Poultry- composition, nutritive value, Post mortem changes in muscle.
- ❖ Egg- Structure, Composition, Nutritive values.
- ❖ Leavening Agents – natural (Air& Steam).
 - Chemical – (Baking Soda & Baking Powder)
 - Biological – (Liquid & Dry yeast)
- ❖ Beverages – Classification, Nutritive value, Role in diet.

UNIT-IV

- ❖ Nutrition through lifecycle
 - Adulthood

- Pregnancy.
- Lactation.
- Infancy
- Adolescence.
- Old age.

UNIT- V

- ❖ Food Adulteration – Concept-Adulteration of different foods.
- ❖ Govt. regulations regarding standard of Quality AGMARK, ISI, PFA, HACCP.
- ❖ Food spoilage- causes – Microbiological, action of enzymes, chemical reactions, physical factors.
- ❖ Methods of preservation- Use of High & low temperature, Dehydration, Irradiation

NOTE FOR PAPER SETTING:

The Question paper will consist of two sections.

Section I: (12×5=60) Consist of 10 long answer questions (2 from each unit, choice from within the unit). Each question carries weight age of 12 marks. The candidate will have to attempt five questions (at least one from each unit).

Section II: (4x5=20) Consist of 10 short answer question (2 from each unit). Each question carries weight age of 4 marks. The candidate will have to attempt any five questions.

Distribution of Internal Assessment (20 Marks)

20 marks for theory paper in a subject reserved for internal assessment shall be distributed as under:

- | | | |
|------|---|-------------------------------|
| (i) | Class Test | : 10 marks |
| (ii) | Two Written Assignments/
Project reports | : 10 marks
(05 marks each) |

References:

1. Charley, H(1982). Food Science 2nd Edition, John Wiley & Sons.
2. Dowell, P, Bailey, a. (1980) : The Book of Ingredients , Dorling kinderley Ltd, London.
3. E.brahim, G.J (1983). Nutrition in mother &child Health, ELBS.
4. Frazier, W.C &Westhoff, D.C(1988). 4th Ed. Food Microbiology. M.C Growhill Inc.
5. Ghosh, S. (1992): The feeding & care of infants & young children, VHAI 6th Ed. New Delhi.
6. Gopalan C. Nutrition & health care, nutrition founded of India . Special publication series.
7. Gopalan C. etal, (1991) Nutritive value of Indian Foods, ICMR.

8. Gulthrie, A.H (1986) Introductory nutrition , 6th ed. The C.V mosby company.
9. Hughes D. & Bennion, M(1970) Introductory Foods, Macmillan & Co New York.
10. Polter, N.N. Hotchkiss, J.H(1996) : Food Science 5th Ed. CBS Publication & Distribution, New Delhi.
11. Prevention of Food Adulteration Act(1994): Govt. of India.
12. Ronsivalli, L.J. & Vieia, E.R (1972) Elementary Food Science, 3rd Ed, Chapman & Hall, New York.
13. Swaminadhan, M.S (1985) Essentials of Food & Nutrition VI: Fundamental aspects VII- Applied aspects.

Practicals

B.Sc. Home Science (Semester III)

ELEMENTS OF FOOD SCIENCE AND NORMAL NUTRITION

Duration of Examination: 3hrs

Course code: HS 301(P)

Credits: 2(3hrs. per week)

Max marks = 50

External assessment =25

Internal assessment = 25

Syllabus for Examination to be held in the year 2015, 2016 & 2017

- ❖ Planning & Preparation of days' diets for pregnant & lactating mother.
- ❖ Planning & preparation of days' diets for adolescents & aged.
- ❖ Planning & preparation of a) Weaning foods b) Packed lunch for schoolers.
- ❖ Preparation of Jams & preserves.
- ❖ Preparation of sauces & Pickles.
- ❖ Cooking of vegetables using different methods.
- ❖ Recipes incorporating milk /milk products.
- ❖ Various methods of cooking eggs.
- ❖ Recipes incorporating leavening agents.

Note for internal assessment (Total Marks: 25)

50% of the total marks for the practical paper in a subject reserved for internal assessment shall be distributed as under:

1. 40% for the class assessments and tests and
2. 10% for regularity of attendance

B.Sc. Home Science (Semester III)

INTRODUCTION TO TEXTILE SCIENCE

Duration of Examination: 3hrs

Course code: HS 303(T)

Credits: 4(4hrs. per week)

Max marks = 100

External assessment =80

Internal assessment = 20

Syllabus for Examination to be held in the year 2015, 2016 & 2017

OBJECTIVES:

1. To acquaint the students with terminology related to Textiles.
2. To acquaint students with the knowledge of fiber, yarn and fabric properties and their measurements.
3. To provide knowledge about the concepts of dyeing , printing and finishing.
4. To familiarize the students with testing of textile fibers, yarns and fabric.

Unit – I Fibers

- ❖ Introduction to textiles, definition of textile terms – fiber, yarn, textile, polymerization, polymer orientation.
- ❖ Textile fibers: Classification, primary and secondary properties.
- ❖ History, origin, production and properties of natural fibers: Cotton, wool, silk and linen, manmade fibers: rayon, polyester, nylon and acrylic.

Unit – II Yarns

- ❖ Yarn production
- ❖ Yarn types – Mono-filament, Multi-filament
- ❖ Classification – Staple and filament, Simple and complex yarns
- ❖ Yarn count and twist.

Unit – III Fabric construction

- ❖ Methods of construction - weaving: definition, classification, characteristics of different basic weaves, and methods of weave construction.
- ❖ Other methods of construction: Knitting, crocheting, bonding, felting, braiding and lacing.

Unit – IV Fabric finishes and colour application

- ❖ Importance and classification of finishes.
- ❖ Physical: Singeing, napping, brushing, shearing, sizing, sanforizing, tentering and calendaring.
- ❖ Chemical : Scouring, bleaching, mercerization

- ❖ Special purpose: Flame retardant, water repellent, durable press, moth proofing.
- ❖ Dyes and their types
- ❖ Printing and their types

Unit – V Textile testing

- ❖ Importance of textile testing
- ❖ Fiber testing – Fiber dimensions and their measurement
- ❖ Yarn testing – twist, strength, yarn numbering system – tex, denier, count.
- ❖ Fabric testing – weight, thickness, strength – breaking, tear and bursting, abrasion – flex, pilling and crease recovery.

NOTE FOR PAPER SETTING:

The Question paper will consist of two sections.

Section I: (12*5=60) Consist of 10 long answer questions (2 from each unit, choice from within the unit). Each question carries weight age of 12 marks. The candidate will have to attempt five questions (at least one from each unit).

Section II: (4x5=20) Consist of 10 short answer question (2 from each unit). Each question carries weight age of 4 marks. The candidate will have to attempt any five questions.

Distribution of Internal Assessment (20 Marks)

20 marks for theory paper in a subject reserved for internal assessment shall be distributed as under:

- | | | |
|------|---|-------------------------------|
| (i) | Class Test | : 10 marks |
| (ii) | Two Written Assignments/
Project reports | : 10 marks
(05 marks each) |

References:

- 1) Booth, J.E, Principles of testing textiles, fabrics, yarns and fabrics, Butterworth, London 1968.
- 2) Corbman, P.B textiles- Fibre to fabric (6th edition) MC Graw Hill book Co. 1983.
- 3) Dhantyagi, S, Fundamentals of textiles and their care, orient Long man, Bombay,
- 4) Clark, W. An introduction to textile printing, Newnes- Butter worths, Boston, 1977.

Practicals

B.Sc. Home Science (Semester III)

INTRODUCTION TO TEXTILE SCIENCE

Duration of Examination: 3hrs

Course code: HS 303(P)

Credits: 2(3hrs. per week)

Max marks = 50

External assessment =25

Internal assessment = 25

Syllabus for Examination to be held in the year 2015, 2016 & 2017

- ❖ Identification of fibers-natural and synthetic by physical and burning test.
- ❖ Different types of yarns
- ❖ Weaves-plain and variations, twill, satin, sateen and jacquard.
- ❖ Dyeing- basic and tie and dye (making of one article)
- ❖ Printing-Stencil, block(making of one article)
- ❖ Testing-Fiber, Yarn and fabric.

Note for internal assessment (Total Marks: 25)

50% of the total marks for the practical paper in a subject reserved for internal assessment shall be distributed as under:

1. 40% for the class assessments and tests and
2. 10% for regularity of attendance

B.Sc. Home Science (Semester III)

BASICS OF RESEARCH METHODS & STATISTICS

Duration of Examination: 3hrs

Course code: HS 306(T)

Credits: 4(4hrs. per week)

Max marks = 100

External assessment =80

Internal assessment = 20

Syllabus for Examination to be held in the year 2015, 2016 & 2017

OBJECTIVES :

1. To understand the significance of statistics and research methodology in Home Science Research.
2. To understand the Application of appropriate statistical technique for research design.

UNIT – I

- ❖ Introduction to research methods and statistics.
 - Meaning, Definition and importance of research methods.
 - Meaning, Definition & Characteristics of statistics.
- ❖ Role of statistics and research in Home Science discipline
- ❖ Types of Research –Historical, Survey, experimental, case study, Social, participatory.
- ❖ Introduction, Definition & importance of research design, Types of Research design – Exploratory, Descriptive, Diagnostic, experimental.

UNIT - II

- ❖ Formulation or identification of problem - meaning, definition, factors.
- ❖ Hypothesis - Meaning & types.
- ❖ Sources of collection of data - Meaning, Advantages and Limitations.
 - Primary - Direct observation, Questionnaires, Interview, group discussion, schedule, case study.
 - Secondary - personal documents, public records and reports, Role of Library.

UNIT - III

- ❖ Selection of Sample / sampling.
 - Meaning, Definition, Selection of samples, Size of Sample, types of probability sampling
 - Systematic,
 - random sampling,
 - Two states and multistage sampling.
 - Non probability Sampling,
 - Purposive sampling.
 - Quota
 - Volunteer / Self Selection,
 - Snowball sampling.
- ❖ Pilot study - Definition & characteristics.
- ❖ Data Analysis - Meaning, Definition, importance & steps, Classification, tabulation, Interpretation of statistical Information, Diagrammatic Presentation& Graphical Presentation.

UNIT IV

- ❖ The writing process
 - Getting started.
 - Use out line as a starting device
 - Drafting
 - Reflecting, Re-reading – Checking organization, Checking headings, Checking content, Checking clarity, Checking Grammar.

UNIT V

- ❖ Parts of Dissertation/ Research Report/article
 - Abstract
 - Introduction
 - Review of Literature
 - Materials and Methods
 - Results and Discussion
 - Summary and Conclusion
 - Bibliography
 - Recommendation

NOTE FOR PAPER SETTING:

The Question paper will consist of two sections.

Section I: (12*5=60) Consist of 10 long answer questions (2 from each unit, choice from within the unit). Each question carries weight age of 12 marks. The candidate will have to attempt five questions (at least one from each unit).

Section II: (4x5=20) Consist of 10 short answer question (2 from each unit). Each question carries weight age of 4 marks. The candidate will have to attempt any five questions.

Distribution of Internal Assessment (20 Marks)

20 marks for theory paper in a subject reserved for internal assessment shall be distributed as under:

- | | | |
|------|---|-------------------------------|
| (i) | Class Test | : 10 marks |
| (ii) | Two Written Assignments/
Project reports | : 10 marks
(05 marks each) |

References

1. Bandarkar, P.L. and Wilkinson, T.S. (2000): Methodology and Techniques of Social Research, Himalaya Publishing House, Mumbai.
2. Bhatnagar, G.L. (1990): Research Methods and Measurements in Behavioural and Social Sciences, Agri. Cole Publishing Academy, New Delhi.
3. Dooley, D. (1995): Strategies for interpreting Qualitative Data; Saga Publications, California.
4. Gay, L.R. (1981, 2nd Ed.): Educational Research, Charles, E. Merrill, Columbus, Ohio.
5. Long, J.S. (Ed.) (1988): Common Problems Proper Solutions: Avoiding Errors in Quantitative Research Beverly Hills, Sage Publications, California.
6. Mukherjee, R. (1989): The Quality of Life: Valuation in Social Research, Saga Publications, New Delhi.
7. Stranss, A. and Corbin, J. (1990): Basis of Qualitative Research: Grounded Theory Procedures and Techniques, Saga Publications, California.

Practicals

B.Sc. Home Science (Semester III)

BASICS OF RESEARCH METHODS & STATISTICS

Duration of Examination: 3hrs	Max marks = 50
Course code: HS 306(P)	External assessment =25
Credits: 2(3hrs. per week)	Internal assessment = 25

Syllabus for Examination to be held in the year 2015, 2016 & 2017

❖ **Formulation of a Research Project**

- Introduction
- Importance
- Objectives
- Review of Literature.
- Hypothesis
- Research Methodology
- Results & Discussion
- Summary & Conclusions
- Bibliography

Note for internal assessment (Total Marks: 25)

50% of the total marks for the practical paper in a subject reserved for internal assessment shall be distributed as under:

1. 40% for the class assessments and tests and
2. 10% for regularity of attendance

UNIVERSITY OF JAMMU

**SYLLABI AND COURSES OF STUDY FOR HOME SCIENCE SEMESTER IV FOR THE
EXAMINATION TO BE HELD IN THE YEARS 2016, 2017 AND 2018**

course	Subject Code	Maximum Marks		Duration Of Examination
		University Examination	Internal Assessment	
	General English			
HS 402(T)	Residential space design & household equipments	80	20	3hrs
HS 402(P)	Practicals	25	25	3hrs
HS 404(T)	Issues & concerns in human development	80	20	3hrs
HS 404(P)	Practicals	25	25	3hrs
HS 405(T)	Communication for extension education&women development	80	20	3hrs
HS 405(P)	Practicals	25	25	3hrs

B.Sc. Home Science (Semester IV)

RESIDENTIAL SPACE DESIGN & HOUSEHOLD EQUIPMENTS

Duration of Examination: 3hrs

Course code: HS 402(T)

Credits: 4(4hrs. per week)

Max marks = 100

External assessment =80

Internal assessment = 20

Syllabus for Examination to be held in the year 2016, 2017& 2018

OBJECTIVES:

To help the students to:

1. Gain knowledge in principles of planning various types of residential spaces.
2. Be able to choose furnishing material keeping the financial consideration in mind.
3. Gain knowledge on furnishings.
4. Develop the skill of Drawing House plans, furniture layouts, creating designs for furnishing items.

Unit – I Factors influencing choice of family housing

- ❖ Family Size – Size of Family, Family Structure, Family activities,
- ❖ Stage in Family Life Cycle.
- ❖ Income of family
- ❖ Availability of Housing
- ❖ Housing values & Standard
- ❖ Selection of site
- ❖ Points to be noted while selecting a site for a house

Unit – II House planning

- ❖ Factors to be considered while planning a house
 - Plot size, shape and normal slope
 - Number of occupants and their profession
 - Financial capability of owner
 - Requirements of different rooms
 - Future expansion
 - Provision of garage, stair case and types of soil
- ❖ Principles underlying the planning of House – Aspects, Prospects, Privacy, Grouping, Roominess, Flexibility, Sanitation, Circulation
- ❖ House plan for different income groups

- ❖ Rooms of residential buildings and their requirements

UNIT III Construction & Building Material

- ❖ Construction features of a house – Foundation walls, doors, windows. Floor & floor covering roof, Staircases.
- ❖ Building Materials – Bricks, Stones Cement, Lime, Plastics, Glass, Metals, Woods,
- ❖ Vaastusastram

Unit – IV Household Equipment

- ❖ Material used for household Equipment.
 - Base materials: Aluminium, Iron, Steel, Copper, Brass, Glass, Plastic.
 - Finishes: Mechanical and applied.
 - Insulating materials: Mica, Fiber glass, mineral, Wool, Rock, Wool, Plastics, Frames, Rubber etc.
 - Selection, use and care of Equipments used in household.
- ❖ Classification of Household equipment in terms of portable & non- portable.
 - Electrical: Motor driven, Food related (cooking devices, cookers), laundry, personal care and recreation.
 - Non- Electrical : cleaning (brooms, brushes, mops)
 - Small Kitchen tools: Knives Peelers, graters, strainers, & spoons.

Unit – V: Furniture and furnishings

- ❖ Factors needed in Furniture buying.
- ❖ Different styles of furniture.
- ❖ Different materials used for furniture construction.
- ❖ Furnishings-selection, care and maintenance of the fabrics used for
 - Soft furnishings :curtains and draperies, upholstered furniture, cushions and pillows.
 - Floor coverings
- ❖ Furniture arrangement in different rooms

NOTE FOR PAPER SETTING:

The Question paper will consist of two sections.

Section I: (12*5=60) Consist of 10 long answer questions (2 from each unit, choice from within the unit). Each question carries weight age of 12 marks. The candidate will have to attempt five questions (at least one from each unit).

Section II: (4x5=20) Consist of 10 short answer question (2 from each unit). Each question carries weight age of 4 marks. The candidate will have to attempt any five questions.

Distribution of Internal Assessment (20 Marks)

20 marks for theory paper in a subject reserved for internal assessment shall be distributed as under:

- | | | |
|------|---|-------------------------------|
| (i) | Class Test | : 10 marks |
| (ii) | Two Written Assignments/
Project reports | : 10 marks
(05 marks each) |

REFERENCES:

1. Nickell& Dorsey J.M.1983, Business Organization and management, KetabMahal, Allahabad.
2. Prof VeenaGandotra& Dr. Sargoo Patel, First Edition 2006, Housing for family living Dominant Publisher and Distributors.
3. Gross. I. H. and Crandall, E.W., 1976 Management for Modern Families. New York.
4. TESSIE, AGAN, M.S The House J.B Lippincoat Company 1956.
5. Koontz. H. and O Donnel C, 1976- Management- A system and contingency analysis of managerial functions. M.C Graw- Hill Kogaknsha Ltd. New Delhi.
6. Goldsmith, Elizebth B. 2000 Resource Management for Modern families.
7. R.S DESHPANDE, Modern ideal Homes for India , United Book Corporation.
8. HARRIET GOLDSTEIN & VETTA GOLDSTEIN, ART IN EVERYDAY LIFE. OXFORD & IBH Publishing company, 1964.

PRACTICALS
B.Sc. Home Science (Semester IV)

RESIDENTIAL SPACE DESIGN & HOUSEHOLD EQUIPMENTS

Duration of Examination: 3hrs

Course code: HS 402(P)

Credits: 2(3hrs. per week)

Max marks = 50

External assessment =25

Internal assessment = 25

Syllabus for Examination to be held in the year 2016, 2017& 2018

- ❖ Making different House plans from the various Income levels.
- ❖ Visit and Observation of a residential building under construction
- ❖ Study of dimensions of various rooms and furniture items of a house.
- ❖ Floor plans of furniture arrangement in drawing ,bed and dining rooms
- ❖ Study of common household equipments

Note for internal assessment (Total Marks: 25)

50% of the total marks for the practical paper in a subject reserved for internal assessment shall be distributed as under:

1. 40% for the class assessments and tests and
2. 10% for regularity of attendance

B.Sc. Home Science (Semester IV)

ISSUES AND CONCERNS IN HUMAN DEVELOPMENT

Duration of Examination: 3hrs

Course code: HS 404(T)

Credits: 4(4hrs. per week)

Max marks = 100

External assessment =80

Internal assessment = 20

Syllabus for Examination to be held in the year 2016, 2017& 2018

OBJECTIVES:

- 1) To develop knowledge and understanding about historical and theoretical perspective in human development.
- 2) To learn about the various developmental issues.
- 3) To gain an understanding of family life with special emphasis on parenthood.
- 4) To understand the philosophy and practices of early childhood care and education.

Unit – I

- ❖ Inter relationship between the aspects of development.
- ❖ Human Development from Indian perspective.
- ❖ Introduction to major streams of Human Development : ECD/ECCE, child with special needs, Family and child welfare.
- ❖ Concept, Characteristics and significance of early childhood years.

Unit-II

- ❖ Major theories that contribute to understand Human Development (Basic concepts and developmental stages)
 - Freud's psycho analytic theory.
 - Erikson's Psycho social theory.
 - Learning theories of Pavlov, Watson and Skinner.
 - Brief introduction to cognitive theory by Piaget.

Unit- III

- ❖ Theories of Language Development (Meaning, behaviorist perspective, Psycho linguistic theory).
- ❖ Theories of Moral Development : Piaget and Kohlberg(briefly)
- ❖ Theories of Emotional Development (Introduction, James large theory, Cannon band theory, Lognitive theory of emotions).

Unit- IV

- ❖ Definition of ECCE and early childhood development(ECD)
- ❖ Importance and scope of ECCE and ECD
- ❖ Integrated child Development scheme

UNIT IV

- ❖ Parenthood.
- ❖ Preparation for parenting.
- ❖ Gender issues in parenting.
- ❖ Parenthood Health.
- ❖ Indian Practices during pregnancy, infancy and childhood.

NOTE FOR PAPER SETTING:

The Question paper will consist of two sections.

Section I: (12*5=60) Consist of 10 long answer questions (2 from each unit, choice from within the unit). Each question carries weight age of 12 marks. The candidate will have to attempt five questions (at least one from each unit).

Section II: (4x5=20) Consist of 10 short answer question (2 from each unit). Each question carries weight age of 4 marks. The candidate will have to attempt any five questions.

Distribution of Internal Assessment (20 Marks)

20 marks for theory paper in a subject reserved for internal assessment shall be distributed as under:

- | | | |
|------|---|-------------------------------|
| (i) | Class Test | : 10 marks |
| (ii) | Two Written Assignments/
Project reports | : 10 marks
(05 marks each) |

References: -

1. Carlson, N.R(2007). Foundation of physiological Psychology. Dorling kindessley of Pearson Education.
2. Berk, L.E(2007). Child Development. Seventh Edition. Jay Print Pack, New Delhi.
3. Smith, J.T(2008) Early Childhood Development . Second Edition.

4. Bigner, J.J (1998). Parent child Relations. An introduction to parenting. Merrill parenting. Merrill prentice Hall.
5. Siegler, R. Deloache J.Eisenberg, N.(2003). How Children Develop. Madison, New York.
6. Rout, H.S(2009). Human Development, Dimensions and Strategies. New century Publications, New Delhi.
7. Mohanty, J. Mohanty, B(2002) Early Childhood Care & Education (ECCE). New Delhi.
8. Davidson, J.K. Moore, N.B(1996). Marriage and family. Change and continuity. United State of America.
9. Hallahan, D.P and Kaufman, J.M(1991). Introduction to Exceptional children (fifth edition). Boston, Allyn and Becon.
10. Santrock, J.W(1997) Life span Development. Ny.Brown and Bench Mark.
11. Kaul, V.(1997) Early Childhood Programme, New Delhi, NCERT.
12. Swaminathan M.Ed(1998). The first five years. A critical perspective on Early Childhood Care and Education in India, New Delhi, Sage.

PRACTICALS
B.Sc. Home Science (Semester IV)

ISSUES AND CONCERNS IN HUMAN DEVELOPMENT

Duration of Examination: 3hrs

Course code: HS 404(P)

Credits: 2(3hrs. per week)

Max marks = 50

External assessment =25

Internal assessment = 25

Syllabus for Examination to be held in the year 2016, 2017& 2018

- ❖ Use of Piagetian approach to study cognitive development of children.
- ❖ Preparation of aids for stimulation of language development for young children.
- ❖ To study the needs of a family of a child with special need.
- ❖ Visit to any two ECCE centers.
- ❖ Study of Child rearing practices in the local context.
- ❖ Planning and conducting activities for enhancement of different areas of development of preschoolers.
- ❖ Visit to child welfare organization to study their objectives and activities.
- ❖ Survey of existing teaching materials in early childhood centers.

Note for internal assessment (Total Marks: 25)

50% of the total marks for the practical paper in a subject reserved for internal assessment shall be distributed as under:

1. 40% for the class assessments and tests and
2. 10% for regularity of attendance

B.Sc. Home Science (Semester IV)

COMMUNICATION FOR EXTENSION EDUCATION AND WOMEN DEVELOPMENT

Duration of Examination: 3hrs

Course code: HS 405(T)

Credits: 4(4hrs. per week)

Max marks = 100

External assessment =80

Internal assessment = 20

Syllabus for Examination to be held in the year 2016, 2017 & 2018

Objectives

1. Understand the process of communication in development work.
2. Develop skills in the use of communication methods.
3. Understand the widening concept of extension.

Unit I: - Extension Teaching

- ❖ Learning situation for Adults – Principles.
- ❖ Principles of Learning – Applicable to extension.
- ❖ Steps in Extension teaching.

Unit II: - Rural Leadership

- ❖ Definition of Leadership.
- ❖ Characteristics of Potential Leader, Qualities of Leader, Role of Leaders.
- ❖ Types of Leaders – Traditional Leaders, Caste Leaders, Religious Leaders, Functional Leaders and Opinion Leaders.
- ❖ Patterns of Leadership – Leader. Centered Leadership, Group – Centered Leadership.

Unit III: - Adoption and Diffusion of innovations

- ❖ Concept of Adoption and Stages of Adoption – Decision Making Process.
- ❖ Concept of Diffusion, Diffusion Process, Elements of Diffusion and their functions.
- ❖ Concept of Innovations, Stages of Innovations, Decision Process, Factors Influencing Adoption of Innovation.
- ❖ Motivation in Extension.

Unit IV: - Extension Programme Planning

- ❖ Concept and Definitions.
- ❖ Objectives of having a Programme.
- ❖ Principles of Programme Planning.
- ❖ Steps of Programme Planning.

Unit V: - Feedback and Barriers of Communication

- ❖ Meaning and Characteristics of Feedback.
- ❖ Problems in Communication.
- ❖ Barriers to Communication- Concept of Barriers, pertaining to communicator, Message, Audience and Channel.

NOTE FOR PAPER SETTING:

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Distribution of Internal Assessment (20 Marks)

20 marks for theory paper in a subject reserved for internal assessment shall be distributed as under:

- | | | |
|------|---|-------------------------------|
| (i) | Class Test | : 10 marks |
| (ii) | Two Written Assignments/
Project reports | : 10 marks
(05 marks each) |

PRACTICALS
B.Sc. Home Science (Semester IV)

COMMUNICATION FOR EXTENSION EDUCATION AND WOMEN DEVELOPMENT

Duration of Examination: 3hrs

Course code: HS 405(P)

Credits: 2(3hrs. per week)

Max marks = 50

External assessment =25

Internal assessment = 25

Syllabus for Examination to be held in the year 2016, 2017& 2018

- ❖ Study and use of Demonstration method.
- ❖ Preparation of use of string puppets.
- ❖ Preparation of poster and their use in community.
- ❖ Preparation of charts and their use in community.
- ❖ Preparation of pamphlets, leaflets and folders.
- ❖ Presentation of Bulletin Boards.

Note for internal assessment (Total Marks: 25)

50% of the total marks for the practical paper in a subject reserved for internal assessment shall be distributed as under:

1. 40% for the class assessments and tests and
2. 10% for regularity of attendance

UNIVERSITY OF JAMMU

**SYLLABI AND COURSES OF STUDY FOR HOME SCIENCE SEMESTER V FOR THE
EXAMINATION TO BE HELD IN THE YEARS 2016, 2017 AND 2018**

course	Subject Code	Maximum Marks		Duration Of Examination
		University Examination	Internal Assessment	
General English				
HS 504(T)	Empowerment of individuals with special needs	80	20	3hrs
HS 504(P)	Practicals	25	25	3hrs
HS 505(T)	Extension & developmental communication	80	20	3hrs
HS 505(P)	Practicals	25	25	3hrs
HS 506(T)	Entrepreneurship development	80	20	3hrs
HS 506(P)	Practicals	25	25	3hrs

B.Sc. Home Science (Semester V)

EMPOWERMENT OF INDIVIDUALS WITH SPECIAL NEEDS.

Duration of Examination: 3hrs

Course code: HS 504(T)

Credits: 4(4hrs. per week)

Max marks = 100

External assessment =80

Internal assessment = 20

Syllabus for Examination to be held in the year 2016, 2017& 2018

OBJECTIVES :

1. To create awareness about special needs of individuals at various stages of life.
2. To be sensitized to the needs of individuals in difficult circumstances.
3. To understand the need to empower individuals during adolescence, adulthood and old age.
4. To gain familiarity with the institutions and programmes for the empowerment of individuals with special needs.

Unit- I Introduction and Basic concepts

- ❖ Children in Difficult Circumstances.
- ❖ Demographic features, correlates of disadvantage and specific needs of the following groups.
 - Street and working children.
 - Parentally deprived.
 - Neglected and delinquent children.
 - Children in armed conflict.

Unit- II: Persons with disability:

- ❖ Concept and classification of disability:
- ❖ Causes, Needs and problems of Disabled Children.
 - Orthopedically Challenged.
 - Visually Challenged.
 - Hearing and speech challenged.
 - Mentally challenged.
 - Autism.

UNITIII: Gender Issues and concerns

- ❖ Status of the girl child with focus on gender discrimination.

- ❖ Programmes for girls and women (government and non government)
- ❖ Governmental:SWAWALAMBAN(NORAD)SWAYAMSIDHA,STEP
- ❖ Nongovernmental:SEWA ,CHETNA

UNIT- IV :Special needs of adolescents and aged.

- ❖ Adolescence
 - Identity formation and career choice as major milestone.
 - Peers and hetro- sexual relationship.
 - Unhealthy practices during adolescence.
 - Services for the Adolescents.
- ❖ Aged:
 - Aging and health, Aging and financial status, stress among the aged. Coping strategies.
 - Retirement and Leisure.

UNIT-I V: Agencies & Programmes Related To Child & Socialwelfare:

- ❖ National & International agencies involved in child and social welfare :
 - National – CSWB, ICSW ,ICCW, NIPCCD, Missionaries of charity.
 - International – UNICEF, WHO, CRY, SOS, FAO.
- ❖ Programmes for normal children: ICDS, well Baby clinics, Day- Care centres, preschools and crèches.
- ❖ programmes for children in difficult circumstances: Residential homes, SoS homes, Mobile crèches, Foster Homes.
- ❖ Agencies for welfare of Aged- Help Age India , Age Care India.

NOTE FOR PAPER SETTING:

The Question paper will consist of two sections.

Section I: (12*5=60) Consist of 10 long answer questions (2 from each unit, choice from within the unit). Each question carries weight age of 12 marks. The candidate will have to attempt five questions (at least one from each unit).

Section II: (4x5=20) Consist of 10 short answer question (2 from each unit). Each question carries weight age of 4 marks. The candidate will have to attempt any five questions.

Distribution of Internal Assessment (20 Marks)

20 marks for theory paper in a subject reserved for internal assessment shall be distributed as under:

- | | | |
|------|---|-------------------------------|
| (i) | Class Test | : 10 marks |
| (ii) | Two Written Assignments/
Project reports | : 10 marks
(05 marks each) |

REFERENCES:

1. Tolfree, D.(1995). Roofs and Roots. Vermont, Ashgate publishing Company.
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3. Singh, D, Child Development, Issues Policies and programs. Vol- I, II, Kanishka Publisher, New Delhi, 1995.
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PRACTICALS
B.Sc. Home Science (Semester V)

EMPOWERMENT OF INDIVIDUALS WITH SPECIAL NEEDS

Duration of Examination: 3hrs
Course code: HS 504(P)
Credits: 2(3hrs. per week)

Max marks = 50
External assessment =25
Internal assessment = 25

Syllabus for Examination to be held in the year 2016, 2017& 2018

- ❖ Visit to the following Institutions/ agencies to study their objectives and functioning.-
 - Preschool centre
 - Anganwari.
 - Old Age home.
 - Nari- Nekatan
 - Orphanage/ SOS home.
- ❖ Placement in any one of the above listed institutions on a temporary basis and conducting some empowering activities in these institutions.
- ❖ Analysis of T.V programmes meant for any one of the following:
 - Aged.
 - Adolescents.
 - Differently abled children.
- ❖ Case study of old people (anyone)
 - Living in the institution.
 - Residing in their own homes.
- ❖ Case study of children with special needs and performing some empowering activities with them :
 - Orthopedically challenged.
 - Mentally challenged.
- ❖ Survey and visit to existing institutions for children with special needs (any two).
- ❖ Use of interview/ questionnaire methods to study adult roles in the family.
- ❖ Survey of existing programmes meant for the welfare of girls and women in the local context.

Note for internal assessment (Total Marks: 25)

50% of the total marks for the practical paper in a subject reserved for internal assessment shall be distributed as under:

1. 40% for the class assessments and tests and
2. 10% for regularity of attendance

B.Sc. Home Science (Semester V)

EXTENSION AND DEVELOPMENTAL COMMUNICATION

Duration of Examination: 3hrs

Course code: HS 505(T)

Credits: 4(4hrs. per week)

Max marks = 100

External assessment =80

Internal assessment = 20

Syllabus for Examination to be held in the year 2016, 2017& 2018

Objectives

1. To understand the concept of development communication.
2. To evaluate the relevance, potential & use of various media as tools of development.

Unit I: - Concept and Development Communication

- ❖ Definition of Development and Communication, Interrelation between Development and Communication.
- ❖ Development Indicators, Pre- Requisites of Development.
- ❖ Definition of Development Communication – Concept and Basic Principles of Development Communication.

Unit II: - People's Participation for Development

- ❖ Levels of Participation, Non-Participation of People.
- ❖ Advantages and Limitations of Participatory process.
- ❖ Approaches to Development Communication.
- ❖ Scope and Uses of Development Communication.

Unit III: - Development Journalism

- ❖ Concept of Journalism and Development Journalism, Significance.
- ❖ Issues for Development Journalism- Health, Nutrition, Social Issues, resource use, literacy, Agriculture and environment.
- ❖ News Reporting – What is News, Values, Sources of News, Types of News.
- ❖ Qualities and Responsibilities of a Reporter.

Unit IV: - Print And Electronic Media in Development Communication

- ❖ Print Media – Definition, Scope and Types of Print Media.

- ❖ Electronic Media – Definition, Scope and Types of Electronic Media.
- ❖ Difference between Electronic and Print Media.

Unit V: - Traditional Media

- ❖ Definition and Role of traditional Media in Development.
- ❖ Types of Traditional Media – Puppetry, Folk Dance, Folk Music, Painting, Sculptures.
- ❖ Difference between Traditional and Electronic Media.

NOTE FOR PAPER SETTING:

The Question paper will consist of two sections.

Section I: (12*5=60) Consist of 10 long answer questions (2 from each unit, choice from within the unit). Each question carries weight age of 12 marks. The candidate will have to attempt five questions (at least one from each unit).

Section II: (4x5=20) Consist of 10 short answer question (2 from each unit). Each question carries weight age of 4 marks. The candidate will have to attempt any five questions.

Distribution of Internal Assessment (20 Marks)

20 marks for theory paper in a subject reserved for internal assessment shall be distributed as under:

- | | | |
|------|---|-------------------------------|
| (i) | Class Test | : 10 marks |
| (ii) | Two Written Assignments/
Project reports | : 10 marks
(05 marks each) |

References

1. Chauhan, C. Principals and Practices of Professional Journalism, Kanishka Publishers Distributors 2007.
2. Chowhan, S. Chnadra, n, foundation of News and Journalism 2005.
3. Devito, J Essentials of Human Communication Longman 1999.
4. Dubey, V.K, Bishnoi, I, Extension Education and communication, New Age International Publishers 2009.
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PRACTICALS
B.Sc. Home Science (Semester V)

EXTENSION AND DEVELOPMENTAL COMMUNICATION

Duration of Examination: 3hrs

Course code: HS 505(P)

Credits: 2(3hrs. per week)

Max marks = 50

External assessment =25

Internal assessment = 25

Syllabus for Examination to be held in the year 2016, 2017& 2018

- ❖ Planning an intervention programme for the community.
- ❖ Dealing with issues in development communication through exhibition, puppetry, nukkadnatak.
- ❖ Implementation of the planned programme.
- ❖ Making of Social/Commercial advertisement for new paper, radio and television.
- ❖ Evaluation of the implemented programme.
- ❖ Evaluation of development oriented radio programme.

Note for internal assessment (Total Marks: 25)

50% of the total marks for the practical paper in a subject reserved for internal assessment shall be distributed as under:

1. 40% for the class assessments and tests and
2. 10% for regularity of attendance

B.Sc. Home Science (Semester V)

ENTREPRENEURSHIP DEVELOPMENT

Duration of Examination: 3hrs

Course code: HS 506(T)

Credits: 4(4hrs. per week)

Max marks = 100

External assessment =80

Internal assessment = 20

Syllabus for Examination to be held in the year 2016, 2017& 2018

Objectives:

1. To orient the student to the concept need and process of entrepreneurship.
2. To understand the market, types of business, the parameters for selecting and running an enterprise successfully.
3. To sensitize students about the opportunities available for entrepreneurship development in various areas of Home Science.

Unit – I Conceptual Framework

- ❖ Definition need and scope of entrepreneurship.
- ❖ Characteristic, types of entrepreneur.
- ❖ Process of Entrepreneurship.
- ❖ Self employment, income generation.
- ❖ Women entrepreneur.

Unit- II Enterprise Planning

- ❖ Types of business and Self- employment opportunities with respect to capital, product and process.
- ❖ Sensing business opportunities.
- ❖ Assessing market potential.

Unit- III :Launching

- ❖ Identification and selection of a project plan.
- ❖ Formulation of a project plan.
- ❖ Estimation and mobilization of resources.
- ❖ Project feasibility and Appraising.

Unit- IV: Enterprise Management

- ❖ Personal: Selection, training, retraining, team building, worker's participation in management.
- ❖ Production: Inventory, production cycle, production control.
- ❖ Marketing: Price, product, promotion, placement and cutting edge technologies.
- ❖ Financial planning for fixed and working capital, cash flow maintenance.
- ❖ Quality Control: Standards, precision in performance, quality assurance, timely, service, research and development.
- ❖ Feedback, monitoring and evaluation.

Unit- V: Entrepreneurship Development in Home Science

- ❖ Exploring entrepreneurship all the areas of Home Science :
 - Human Development
 - Clothing and Textiles.
 - Extension education.
 - Family Resource Management.
 - Foods and Nutrition.
- ❖ Support organizations available in J&K for establishing small enterprises like,
 - Women Development corporation.
 - Small scale Industries Unit.
 - Industries Development Bank of India

NOTE FOR PAPER SETTING:

The Question paper will consist of two sections.

Section I: (12*5=60) Consist of 10 long answer questions (2 from each unit, choice from within the unit). Each question carries weight age of 12 marks. The candidate will have to attempt five questions (at least one from each unit).

Section II: (4x5=20) Consist of 10 short answer question (2 from each unit). Each question carries weight age of 4 marks. The candidate will have to attempt any five questions.

Distribution of Internal Assessment (20 Marks)

20 marks for theory paper in a subject reserved for internal assessment shall be distributed as under:

- (i) Class Test : 10 marks
(ii) Two Written Assignments/ : 10 marks
Project reports (05 marks each)

References :

1. Akhouri, M.M. P., 1990, 'Entrepreneurship for women in India' NIESBUD, New Delhi.
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10. Patel V.C. 1987, Women Entrepreneurship – Developing new Entrepreneurs, EDII Ahmedabad.
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14. Shefskeg L.E., 1994, Journal of Entrepreneurship 'Entrepreneurs are made not born.' McGraw- Hill Inc.
15. Taneja& Gupta, 2001, Entrepreneur Development- New Venture Creation, Galgotia Publishing Company

PRACTICALS
B.Sc. Home Science (Semester V)

ENTREPRENEURSHIP DEVELOPMENT

Duration of Examination: 3hrs

Course code: HS 506(P)

Credits: 2(3hrs. per week)

Max marks = 50

External assessment =25

Internal assessment = 25

Syllabus for Examination to be held in the year 2016, 2017& 2018

- ❖ On hand experience of organizing an exhibition
- ❖ Case profiling of successful entrepreneurs and enterprises.
- ❖ Survey of an institution facilitating entrepreneurship development in Jammu
- ❖ Preparing a project report on starting of an enterprise.

Note for internal assessment (Total Marks: 25)

50% of the total marks for the practical paper in a subject reserved for internal assessment shall be distributed as under:

1. 40% for the class assessments and tests and
2. 10% for regularity of attendance

UNIVERSITY OF JAMMU

**SYLLABI AND COURSES OF STUDY FOR HOME SCIENCE SEMESTER VI FOR THE
EXAMINATION TO BE HELD IN THE YEARS 2017, 2018 AND 2019**

course	Subject Code	Maximum Marks		Duration Of Examination
		University Examination	Internal Assessment	
General English				
HS 601(T)	Diet therapy & community nutrition	80	20	3hrs
HS 601(P)	Practicals	25	25	3hrs
HS 602(T)	Family financial management and consumer education	80	20	3hrs
HS 602(P)	Practicals	25	25	3hrs
HS 603(T)	Traditional textiles, fashion & computer aided textile designing	80	20	3hrs
HS 603(P)	Practicals	25	25	3hrs

B.Sc. Home Science (Semester VI)

DIET THERAPY AND COMMUNITY NUTRITION

Duration of Examination: 3hrs

Course code: HS 601(T)

Credits: 4(4hrs. per week)

Max marks = 100

External assessment =80

Internal assessment = 20

Syllabus for Examination to be held in the year 2017, 2018& 2019

Objectives :

To enable the student to understand the:-

1. Basic principles of diet therapy
2. Modifications of the normal diet for therapeutic purposes
3. Diet any modifications and management of common disease conditions
4. Significance of dietary counseling
5. Common nutritional problems of the community and their prevention
6. Schemes programme and polices of Govt. of India to combat malnutrition

Unit I

- ❖ Concept of Diet Therapy, Liquid diets, soft diets and Bland diets
- ❖ Intestinal disorders
 - Diarrhoea- Types, Nutritional considerations, Dietary management.
 - Constipation – Causes Dietary Management and Dietary Considerations.
 - Lactose Intolerance – Etiology, Symptoms and Dietary Treatment.
 - Peptic and duodenalulcers – Etiology, Symptoms Dietary Management and different stages involved in feeding the patients.

Unit II

- ❖ Fevers – Classification Dietary Considerations and Dietary Management of short term and long term fevers.
- ❖ Weight Management
 - Obesity – Classification, Etiology, Energy balance, Dietary Management and Counseling.
 - Under Weight – Causes, Dietary Management.

Unit III

- ❖ Metabolic Disorders
 - Diabetes Mellitus – Classifications, Etiology, Symptoms, Nutritional Management and life style changes.
 - Hypertension – Types, Causes and Dietary Considerations.
- ❖ Cancer- Types Nutritional Considerations and preventions.

Unit IV

- ❖ Concept and scope of community health and community nutrition
- ❖ Nutritional status – Methods of assessing nutritional status and their interpretation
 - Direct methods – Anthropometry, Biochemical examination, clinical examination , Dietary surveys
 - Indirect methods Morbidity and Mortality patterns

Unit V

- ❖ National Nutrition Policy and Programmes
 - ICDS
- ❖ Nutrient deficiency control programmes or prophylaxis programmes:-
 - Vitamin A deficiency, National Anemia control Programme and Iodine deficiency disorder
- ❖ Role of National and International Agencies to combat malnutrition
 - WHO, FAO, UNICEF, CFTRI.

NOTE FOR PAPER SETTING:

The Question paper will consist of two sections.

Section I: (12×5=60) Consist of 10 long answer questions (2 from each unit, choice from within the unit). Each question carries weight age of 12 marks. The candidate will have to attempt five questions (at least one from each unit).

Section II: (4x5=20) Consist of 10 short answer question (2 from each unit). Each question carries weight age of 4 marks. The candidate will have to attempt any five questions.

Distribution of Internal Assessment (20 Marks)

20 marks for theory paper in a subject reserved for internal assessment shall be distributed as under:

Class Test	: 10 marks
Two Written Assignments/	: 10 marks
Project reports	(05 marks each)

References :

1. Andeson, L, Dinbble, M.V Turkihi, P.R, Mipchall, H.S &Rymbegin, H.J (1982) Nutrition in Health &Dirles, 17th Ed. J.B. Lippincolt& Co. Phildelphin.
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PRACTICALS

B.Sc. Home Science (Semester VI)

DIET THERAPY AND COMMUNITY NUTRITION

Duration of Examination: 3hrsMax marks = 50

Course code: HS 601(P)

External assessment =25

Credits: 2(3hrs. per week)Internal assessment = 25

Syllabus for Examination to be held in the year 2017, 2018& 2019

- ❖ Planning & preparation of modified diets
 - Soft diet
 - Low fibre diet
 - High fibre diet
 - Low calorie diet for obesity
 - High calorie & high protein diet for under weight
 - Bland diet for peptic ulcer
 - Diet for Diabetes (NIDDM)
 - Diet for Hypertension
- ❖ Preparing low cost nutritious snacks for children/adolescents.

Note for internal assessment (Total Marks: 25)

50% of the total marks for the practical paper in a subject reserved for internal assessment shall be distributed as under:

1. 40% for the class assessments and tests and
2. 10% for regularity of attendance

B.Sc. Home Science (Semester VI)

FAMILY FINANCIAL MANAGEMENT AND CONSUMER EDUCATION

Duration of Examination: 3hrs

Course code: HS 602(T)

Credits: 4(4hrs. per week)

Max marks = 100

External assessment =80

Internal assessment = 20

Syllabus for Examination to be held in the year 2017, 2018& 2019

OBJECTIVES

1. To familiarize the student with the changing socio-economic environment and consumer behavior.
2. To strengthen the financial management practices of the students for wise consumer behavior.
3. To develop an understanding of the types of markets, changing concepts of markets, changes in socio-economic environment, and marketing strategies from consumer's perspective.
4. To have an overview of the consumer problems, consumer movement and consumer protection

UNIT 1: Family Income and Expenditure and credit.

- ❖ Family Income Types, Sources, Supplementation of family income.
- ❖ Engel's law of consumption.
- ❖ Family Budget: - Steps of making Family Budget and its advantages.
- ❖ Factors influencing expenditure pattern.
- ❖ Family savings and investments-principles and channels of investment.
- ❖ Consumer Credit – need and sources, credit cards, housing finance.
- ❖ Personal finance management – tax implications, calculation of personal income tax.

UNIT II: Human wants and related laws.

- ❖ Wants and its classification.
- ❖ A factor governing wants.
- ❖ Characteristics of Wants.
- ❖ Laws of diminishing, Marginal utility.
- ❖ Law of equimarginal Utility.
- ❖ Law of consumer surplus.

UNIT III: Market and Consumer in India

- ❖ Definition of a consumer.
- ❖ Role of consumers in the economy.
- ❖ National income. Per Capita Income. Household wise distribution of income.
- ❖ Changing nature of the business world, e-commerce, e-business.
- ❖ Market- Definition, Types and Function of Markets.
- ❖ Price- Definition, Determining of price in market. Factors affecting the Price, Role of consumer in market.
- ❖ Sales Promotion Practices-Labels and brand Names. Trademarks and Patents. Packaging-Perishable/Non Perishable Advertisement.

UNIT IV: Consumer Problems and Consumer Education

- ❖ Types of consumer problems- products and service related.
- ❖ Causes and solutions to consumer problems.
- ❖ Consumer education- Meaning, needs objectives and strategies.
- ❖ Consumer Protection and movements.
- ❖ Empowerment of consumer through consumer education.
- ❖ Guidelines for wise buying practices.

UNIT V: Consumer Protection

- ❖ Consumer rights and responsibilities.
- ❖ Consumer organizations – origin, functioning, role and types of organizations.
- ❖ Consumer cooperatives –role, history and growth in India, PDS KendriyaBhandars.
- ❖ Basic legislative framework for consumer protection in India, Consumer Protection Act 1986 COPRA – coverage and limitations, Alternative redressal mechanisms, Mediation centres.
- ❖ Standardization and quality control measures: ISI, FPO, AGMARK, ISO Certifications, Eco mark, Wool mark, Silk mark, Cotton mark, Handloom mark, BEE star labeling and others.
- ❖ Buying aids-labels, packaging, advertising, buying guides.

NOTE FOR PAPER SETTING:

The Question paper will consist of two sections.

Section I: (12×5=60) Consist of 10 long answer questions (2 from each unit, choice from within the unit). Each question carries weight age of 12 marks. The candidate will have to attempt five questions (at least one from each unit).

Section II: (4×5=20) Consist of 10 short answer question (2 from each unit). Each question carries weight age of 4 marks. The candidate will have to attempt any five questions.

Distribution of Internal Assessment (20 Marks)

20 marks for theory paper in a subject reserved for internal assessment shall be distributed as under:

- | | | |
|------|---|-------------------------------|
| (i) | Class Test | : 10 marks |
| (ii) | Two Written Assignments/
Project reports | : 10 marks
(05 marks each) |

REFERENCES

1. Khanna S.R. Hanspal S. Kapoor S. & A wasthi H.K., 2007, Consumer Affairs, Universities Press India Pvt. Ltd.
2. Sawhney, H.K &Mital, M., 2007, Family Finance & Consumer Studies, Elite Publishing House Pvt. Ltd.
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PRACTICALS
B.Sc. Home Science (Semester VI)

FAMILY FINANCIAL MANAGEMENT AND CONSUMER EDUCATION

Duration of Examination: 3hrs
Course code: HS 602(P)
Credits: 2(3hrs. per week)

Max marks = 50
External assessment =25
Internal assessment = 25

Syllabus for Examination to be held in the year 2017, 2018& 2019

- ❖ Preparing family budget, recording and maintenance of income and expenditure pattern of a family for a month
- ❖ Organizing a guest lecture on “Money transactions in banks”
- ❖ Visit to Banks and financing, Institution to study types of saving & credits.
- ❖ Calculation of cost of credit cash and instalment buying
- ❖ Guest lecture on income tax and will preparation
- ❖ Lecture on ‘Insurance’
- ❖ Analysis and preparation of different labels and brands of consumer products
- ❖ Market survey and preparation of different standardized marks of consumer products
- ❖ A household survey on consumer awareness and problems

Note for internal assessment (Total Marks: 20)

50% of the total marks for the practical paper in a subject reserved for internal assessment shall be distributed as under:

1. 40% for the class assessments and tests and
2. 10% for regularity of attendance

B.Sc. Home Science (Semester VI)

**TRADITIONAL TEXTILES, FASHION AND COMPUTER AIDED TEXTILE
DESIGNING**

Duration of Examination: 3hrs

Course code: HS 603(T)

Credits: 4(4hrs. per week)

Max marks = 100

External assessment =80

Internal assessment = 20

Syllabus for Examination to be held in the year 2017, 2018& 2019

Objectives:

1. To create awareness of design and its interpretation.
2. To impart the knowledge of fashion and concepts related to fashion.
3. To impart the knowledge of fashion marketing and production.
4. To acquaint the students with traditional textiles of India.
5. To familiarize the students with Computer aided textile designing.

UNIT: I Introduction to various traditional textiles of India(Origin, techniques, material, designs, and colors incorporated and articles produced)

- ❖ Dyed and printed textiles of India
 - Bandhanies of Rajasthan and Gujarat,
 - Kalamkari of Andhra Pradesh,
 - Palota of Gujarat and
 - Ikat of Orissa
- ❖ Embroideries of India
 - Phulkari of Punjab,
 - Rumals of Himachal Pradesh,
 - Ari and needle work of Kashmir,
 - Kantha of Bengal,
 - Chikankari of Uttar Pradesh
- ❖ Woven textiles of Kashmir
 - Shawls (techniques & types): Jamawar, kani, dorukha
 - Carpets of Kashmir: Namda&Gabha
- ❖ Embroidered shawls: styles & patterns

UNIT: II Textile Designing

- ❖ Basic designing: introduction , principles& classification of woven & printed *textile designs*
- ❖ Traditional motifs of Jammu and Kashmir and its application on different textile materials
- ❖ Design development & arrangement- natural, stylized, geometrical, abstract, ethnic and traditional motifs.
- ❖ Effect of yarn, weaves, color and finishing processes of textiles on design

UNIT: III Design and fashion

- ❖ Elements and principles of design
- ❖ Fashion terminology, sources of fashion.
- ❖ Factors favoring and retarding fashion.
- ❖ Fashion movement and cycles.
- ❖ Components of fashion: silhouette, fabric, color, texture.
- ❖ Inspiration of fashion: media, history, theatre and films

UNIT: IV Fashion And Marketing

- ❖ Definition and marketing, fashion marketing and fashion merchandising (meaning,concept, terminology and principles)
- ❖ Factors influencing merchandising practices
- ❖ Consumer demand and fashion marketing
- ❖ Fashion promotion: Introduction, fashion promotion mix, fashion advertising & personal setting
- ❖ Business system: fundamentals of business, ownership and entrepreneurship, launching a business enterprise, sole-proprietorship, partnership, corporations.

UNIT:V CAD

- ❖ Introduction to textile designing
- ❖ Importance of CAD in textile industry.
- ❖ Software commands-understanding and practicing.
- ❖ Creating motifs based on ethnic and historic base

NOTE FOR PAPER SETTING:

The Question paper will consist of two sections.

Section I: (12×5=60) Consist of 10 long answer questions (2 from each unit, choice from within the unit). Each question carries weight age of 12 marks. The candidate will have to attempt five questions (at least one from each unit).

Section II: (4×5=20) Consist of 10 short answer question (2 from each unit). Each question carries weight age of 4 marks. The candidate will have to attempt any five questions.

Distribution of Internal Assessment (20 Marks)

20 marks for theory paper in a subject reserved for internal assessment shall be distributed as under:

- | | | |
|------|---|-------------------------------|
| (i) | Class Test | : 10 marks |
| (ii) | Two Written Assignments/
Project reports | : 10 marks
(05 marks each) |

References :

1. Amarchand, D. and Vardarajan, B. An introduction to marketing management, 1981, Vikas publishing house, Prevatukuted.
2. BrijBhushan, J The costumes and textiles of India. Taraporewala and sons, Mumbai. 1958.
3. Chattopadhaya, Kamladevi, Handicrafts of India, All India handicrafts board , New Delhi 1975
4. Gillow, J. and Sentence, B. Fashion – concept to consumer 7th edition, Pearson education, 2005
5. Metha, RJ. The handicrafts and industrial arts of India, Taraporewala and sons, Mumbai. 1960.
6. ParditSavitri : Indian Embroideries- Its variegated charm, 1975, Baroda faculty of home science
7. Tate, LS. Inside fashion design, 5th edition, Pearson education, 2005
8. Sherlakar, GA. Marketing management, 1982, Delhi: Himalaya Publishing house.

PRACTICALS
B.Sc. Home Science (Semester VI)

**TRADITIONAL TEXTILES, FASHION AND COMPUTER AIDED TEXTILE
DESIGNING**

Duration of Examination: 3hrs
Course code: HS 603(P)
2(3hrs. per week)

Max marks = 50
External assessment =25 Credits:
Internal assessment = 25

Syllabus for Examination to be held in the year 2017, 2018& 2019

- ❖ Collection of samples of various traditional embroideries.
- ❖ Fabric painting, stencil and spray painting- making of one article.
- ❖ Designing and construction of one costume using traditional art.
- ❖ Development of motifs using different color schemes
- ❖ Enlarging and reducing the pattern (at least 5)
- ❖ Drawing geometrical,floral,stylized and abstract motifs on computer.

Note for internal assessment (Total Marks: 25)

50% of the total marks for the practical paper in a subject reserved for internal assessment shall be distributed as under:

3. 40% for the class assessments and tests and
4. 10% for regularity of attendance