

PG- HOME-SCIENCE EXAM.- 2014

At each of the previous and final year Examination in a subject, a candidate must obtain for a pass (i) at least 36% marks of the aggregate marks in all the papers prescribed at the examination. and (ii) at least 36% marks in practical, wherever prescribed at the examination, provided that if a candidate fails to secure 25% marks in each individual paper of theory at any of the examination. wherever prescribed, she shall be deemed to have failed at the examination, not with standing her having obtained the minimum percentage of marks required in aggregate for the examination. Division will be awarded at the end of the final examination of the combined marks obtained at the previous and the final examination taken together as noted below No. division will be awarded at the previous examination.

First Division	:	60 percent	(of the total aggregate
Second Division	:	48 percent	marks of previous and
Third Division	:	36 percent	final year taken together)

Note-

1. The candidate is required to pass separately in theory and practicals.
2. There will be eight theory papers and four practicals of 50 marks each.
3. There will be 12 hours teaching of theory papers and 6 hours practical teaching per week in M.A. previous and 10½ hours teaching of theory and 6 hours teaching in M.A. Final.
4. A practical Examination of three hours duration will be held along with the main theory examination.
5. **Each theory paper of three hours duration will be divided in to five units and three categories of questions will be set from each unit as per following distribution.**

S. No.	Section	Questions to be asked	Question to be attempted	Maximum	Distribution
1.	Very short/objective	10	10	10	Proportionately from 20 word ques.
2.	Short Answers	10	05	50	Each unit with internal Choice 250 words.
3.	Analytical/or Descriptive Ques.	04	02	40	500 word
	Total	24	17	100	

6. The practical examination will be conducted by a board of examination consisting of External and Internal Examiner.
7. Students not submitting practical records in time will be awarded Zero mark.
8. **M.A. PREVIOUS**

A student having offered a one of the following subjects as Home Science with minimum 50% will be eligible for admission in M.A. Home science or student having B.H.SC. Degree with minimum 50% will be eligible for admission in M.A. Home Science.

9. M.A. FINAL

A candidate who has completed a regular course of study for one academic year and passed M.A. previous Examination of the university shall be admitted to the final year provided that she has passed in atleast 50% of the papers at the previous examination by obtaining at least 36% marks in each such paper.

- a) For reckoning 50% of the papers at the previous examination practical will be included and one practical will be counted as one paper.
 - b) Where a candidate fails for want of securing minimum aggregate marks but secured 35% marks in at least 50% of the papers she will be exempted from reappearing in those papers in which she has secured 36% marks.
 - c) Where a candidate fails for want of securing minimum aggregate marks but secured 36% marks in at least 50% of the papers she will be exempted from re-appearing in those papers in which she has secured 36% marks.
 - d) Where the candidate secures requisite minimum percentage in the aggregate of all the papers, but fails for want of the requisite minimum percentage of marks prescribed for each individual papers she shall be exempted for re-appearing in such paper in which she has secured atleast 25% marks.
10. A candidate who has been debarred fail the final examination for the degree Master of Arts will be exempted from re-appearing in a subsequent year on the following rules .
- a) Where a candidate fails for want of securing the minimum percentage in the aggregate marks. she shall be exempted from reappearing in such paper (s) practicals or dissertation in which she has secured atleast 36% marks, provided she has passing at least 50% of the papers. (Here passing in each paper requires 36% marks.
 - b) Where a candidate secures the minimum requisite including dissertation wherever prescribed but fails for want of minimum percentage of marks prescribed for in each individual paper / dissertation, she shall be exempted from reappearing in such paper (s) dissertation in which she has secured atleast 25% marks provided she is passing in atleast 50% of the paper (here passing in each paper requires 25% marks)

M.A. HOME SCIENCE Exam.- 2014

DISTRIBUTION OF COURSES

There will following courses as per details given below.

M.A. PREVIOUS

Paper No.	Paper	Max. Marks	Duration of Exam.	Periods/ Week
I	Human & Community Nutrition	100	3 hours	04
II	Advanced Family Resource Management and Interior Decoration.	100	3 hours	04
III	Population and Environmental Studies	100	3 hours	04
IV	Research Methods & Entrepreneurship Development	100	3 hours	04

Practicals:

I	Human Nutrition	50	3 hours	04
II	Interior Decoration	50	3 hours	04

M.A. FINAL

Paper No.	Paper	Max. Marks	Duration of Exam.	Periods/ Week
V	Advances in Human Development	100	3 hours	04
VI	Extension & Communication	100	3 hours	04
VII	Advanced Textiles & Family Clothing	100	3 hours	04
VIII	Project Writing	100	3 hours	02

Practicals:

III	Participation in Nursery School and Preparation of audio visual aids.	50	3 hours	04
IV	Textile Designing	50	3 hours	04

M.A. PREVIOUS - 2014

PAPER-I - HUMAN AND COMMUNITY NUTRITION

Duration : 3 hours

Max. Marks – 100

Note : The question paper will contain three sections as under –

Section-A : One compulsory question with 10 parts, having 2 parts from each unit, short answer in 20 words for each part. Total marks : 10

Section-B : 10 questions, 2 questions from each unit, 5 questions to be attempted, taking one from each unit, answer approximately in 250 words. Total marks : 50

Section-C : 04 questions (question may have sub division) covering all units but not more than one question from each unit, descriptive type, answer in about 500 words, 2 questions to be attempted. Total marks : 40

UNIT-I

The role of food in relation to health of individual Minimal nutritional requirements and R.D.A., formulation of R.D.A. and dietary guidelines reference to man and woman.

Nutrition and health status of woman and children in India . Mal-nutrition in mothers and children. etiology and dietary management.

The aging process - Physiological, Biochemical and body composition on changes. Nutritional requirements and dietary management to meet nutritional needs.

UNIT-II

Historical back ground , prevalence, etiology, Bio- chemical and clinical manifestations. Preventive and therapeutic measures for following-

PEM, Rickets, osteomalacia, vit. A deficiency, Flourosis, weight Imbalance, Diabetes, liver, cardiovascular disorders, cancer.

UNIT-III

Nutritional status - Meaning and determinants of nutritional status of individual and population/ society.

Nutritional assessment - Meaning, need, objective and importance. Current methodologies of assessment of nutritional status - food consumption, Anthropometrics clinical and Laboratory methods.

Dietary surveys - importance, methods , interpretation adequacy of diet with respect to RDA.

Sociological factors in the etiology and prevalence of mal-nutrition.

UNIT-IV

Quality assurance and food safety assurance current concepts of quality control. Food safety and toxicology - Hazards - microbiological nutritional, environmental Natural Toxicants, pesticide residue and food additives. Effect of fast and junk food.

UNIT - V

Major nutritional problems- etiology, prevalence, preventive & therapeutic measures of - macro & micro nutrient deficiency.

Other nutritional problems like Lathyrism, fluorosis.

Food standards - ISI, Agmark, FPO, MPO, Food Laws and municipal health Laws.PFA.

REFERENCES :

- 1) Joshi S. A., (1992) Nutrition of Dietetics. Tata M.C.Hill Pub. New Delhi.
- 2) Raheena Begam (1989) Text book of food & Nutrition and Dietetics, Sterling pub, New Delhi.
- 3) Swaminathan M.(1985) Essentials of Foods & Nutrition Vol . I and II Ganesh & Co, Madras .
- 4) Robinson C.H. Lawler, M.R. Chenoweth, and Garwick, A.B. (1986) Normal & Therapeutic Nutrition 17th Ed., Macmillan Pub.Co.
- 5) Prevention of food Adulteration Act. 1994 Govt. of India .
- 6) Ghosh S . (1992) The feeding and care of infants and young children, VHAI, 6th Ed.,New Delhi.
- 7) Gopalan, C., (1993) Recent Trends in Nutrition Oxford University Press.
- 8) Jelliffe, D.B. (1996) Assesment of Nuritional status of the Community, WHO.
- 9) Gopalan, C., Nutrition of Health care, Nutrition foundation of India, Special pub. series.
- 10) डॉ. सत्यदेव आर्य आहार - पोषाहार
- 11) अनुवादिका डॉ. सरोजनी आर्य : पोषण के सिद्धान्त
- 12) Davidson, S.Passmore Human Nut.&Dietitics
- 13) Swaminathan M. Advance Nutrition -
- 14) Shukla P. K. Nutritional Problems of India
- 15) Gopalan C Nutritional Problems & Programmes in South East Asia.
- 16) Lava, K, Muller EI Toxicological aspect of foods. Elsevier, Science London.

PAPER -II - ADVANCED FAMILY RESOURCE MANAGMENT AND INTERIOR DESIGNING

Duration : 3 hours

Max. Marks – 100

Note :

The question paper will contain three sections as under –

Section-A : One compulsory question with 10 parts, having 2 parts from each unit, short answer in 20 words for each part. Total marks : 10

Section-B : 10 questions, 2 questions from each unit, 5 questions to be attempted, taking one from each unit, answer approximately in 250 words. Total marks : 50

Section-C : 04 questions (question may have sub division) covering all units but not more than one question from each unit, descriptive type, answer in about 500 words, 2 questions to be attempted.

Total marks : 40

UNIT-I

Management as a system:

- Definition
- Elements
- Types,
- Advantages and limitation of system approach
- Application in family resource management

Management Process:

- Planning- Objectives, Principles, policies , strategies .
- Organizing - purpose, principles, processes adopting.
- Authority, responsibility and accountability.
- Controlling, tools in management control, feed back.
- Evaluation / Appraisal-Tools and techniques.

UNIT-II

Consumer movement .

- Origin and growth
- Philosophy and objectives
- Consumer movement in India

Consumer Information

- Need and significance
- Sources
- Consumer Services

Redressal Mechanism for consumer grievances:

Verbal and written complaint

Procedure for filing a complaint, appeal to district, state or nation commissions.

- Lok Adalats
- Media connected services
- Public Interest litigation

UNIT-III

Ergonomics:

- Scope of ergonomics in home
- Nature of work in household
- Man-Machine-Environment system

Consideration of ergonomics in Interior design

- Importance of ergonomics.
- Work , Worker and Working environment relationship
- Kitchen and storage as most important work areas
- Study of different body postures used in various activities and its relation to fatigue.

UNIT-IV

Financing of consumer durables / enterprises

- Housing
- Automobile
- Equipment
- Education
- Small scale Industry

Income and property right

- Wills
- Trusts
- Legal aspects

UNIT- V

Furnishing material:

- Purpose, design, selection & care
- Curtains, floor covering, cushion cover, Bed linens

Lighting in Interiors:

- Types
- Selection
- Arrangement
- Design
- Fixture
- Use and care

REFERENCES :

1. Kapur, S.K.(1996) Professional Management , S.K. publisher, NewDelhi.
2. Deacon. R.E. and Fire baugh, F.M. (1975) Home Management Context and Concept , Noughtion , Miffen Boston.
3. Deacon R.E. and fire baugh, F.M.(1981) Resource mangement principles and Application , Allyn and Baston.
4. Sherman, A.W. el. al. (1988) Managing Human Resources , South Western publication Co. Cincinnali.
5. Sundram K.P.M. and Varsha M.G.(1975) Principles of economics, Agra.
6. Ghanda, R.(1975) , the emerging consumer , New age International publishers limited and wiley Eastern limited , New Delhi.
7. Sethi , M. and Seethuram P.(1994), Consumerism : A Growing concept Phoenix publishers, New Delhi.
8. Nag. P.K. (1996) Ergonomics and work Design : Emerging Issues in Organisational Science, New age International Ltd., New Delhi .
9. Anna H.Rutt (1961) Home Furnishing , John Wiley Eastern Pvt.Ltd. New York.
10. Deshpande R.S. (1980) Modern Seeal Ideal Homes for India (9th Edn.) Smt. L.S. Deshpande for Deshpande Pub. Trust.
11. Deshpande R.S. (1980) Building your own house , united Book corporation.
12. Tessie Agan (1986) The house-its plan and use New York B.lippincott Co.
13. Rangwala S. (1974) Town Planning Anand Character book.
14. Economics for consumer , Gorden Lee (1977) 7th Edi. Mostrand.

15. Varghese , M.A. and others, Ergonomics in Kitchen Design.
16. Family Finance - Biglow & Harward
17. Introduction to Home furnishing - stepat D.
18. Alexander N.J. Mercartly Brace (1972) Desgning InteriorEnvironment, Havnouich.

PAPER III

POPULATION AND ENVIRONMENTAL STUDIES

NOTE : The question paper will contain three sections as under –

Duration : 3 hours

Max. Marks – 100

- | | | |
|-------------|---|------------------|
| Section-A : | One compulsory question with 10 parts, having 2 parts from each unit, short answer in 20 words for each part. | Total marks :10 |
| Section-B : | 10 questions, 2 questions from each unit, 5 questions to be attempted, taking one from each unit, answer approximately in 250 words. | Total marks : 50 |
| Section-C : | 04 questions (question may have sub division) covering all units but not more than one question from each unit, descriptive type, answer in about 500 words, 2 questions to be attempted. | Total marks : 40 |

UNIT - I

Concept of population education, definition of population education, significance and scope of population education, family life education, sex education.

Causes and consequences of population explosion. Trends in population growth, terms related to population dynamics, Birth control methods, advantages of small family.

UNIT II

Population of India and Rajasthan, causes of child's death rate contribution of youth in population education, consequences of population explosion.

Components of population education:- Ideal small family, responsibilities of parents, marriage interpersonal relationship between couples, women empowerment, pride of humanity.

UNIT III

Fundamentals of environment : Definition and scope, life and the enviroment, Physical -Chemical factors in the environment, changes in the environment.

Environment hazards and risks. Natural resources conservation and sustainable development.

UNIT- IV

Eco- system - Earth/ man and environment forest ecology, environment, implication of energy use . problems of sustainability of eco-system.

Pollution and Environment with reference to air, water soil, noise-sources , effects and remedies, environment pollution and public health, water borne, air borne impact of chemical insecticides and toxic effect of metals and biological substances.

UNIT-V

Water Management - water pollution and treatment of soluble and solid waste management, air pollution control technique.

Environment Control Measurement - environment Legislation and policies, human rights relating to environment, environmental ethics, women and environment.

REFERENCES:

1. Basee, R.N. (2000) : Environment, University of Calcutta.
2. Amit khanna De et al (1998) : sustainable Development and environment: vol I, cosino publications, New Delhi.
3. Bhatia, H.S. (1998) : A text book on environmental pollution & control, New Delhi.
4. Goel, P.K. and Sharma, K.P. (1996) : Environmental guidelines and standards in India , Jaipur : Techno Science

PAPER -IV RESEARCH METHODS & ENTREPRENEURSHIP DEVELOPMENT

Duration : 3 hours

Max. Marks – 100

Note : The question paper will contain three sections as under –

- Section-A : One compulsory question with 10 parts, having 2 parts from each unit, short answer in 20 words for each part. Total marks :10
- Section-B : 10 questions, 2 questions from each unit, 5 questions to be attempted, taking one from each unit, answer approximately in 250 words. Total marks :50
- Section-C : 04 questions (question may have sub division) covering all units but not more than one question from each unit, descriptive type, answer in about 500 words, 2 questions to be attempted. Total marks : 40

UNIT - I

Science, scientific methods , scientific approach, role of statistics and research in Home science discipline Objectives of research in Explanation, control and prediction.

Types of Research : Historical, survey, experimental, case study social research, participatory research.

UNIT-II

Problems and Hypothesis : Meaning and its generality and specificity, Importance and virtues of problems and Hypothesis, types of variables

Theory of Probability : population and sample, sampling concept and methods.

UNIT-III

Basic principles of research Design : purposes of research design: Fundamental, applied and action, exploratory and descriptive, experimental, survey and case study, ex-post facto.

Techniques of data collection : interview, questionnaire, observation, tests, sociometry, semantic differential method, critical incidence and Q sort techniques.

Reliability and validity : meaning and methods.

Critical analysis of Research.

UNIT - IV

Concept, need and process in entrepreneurship development.

Role of enterprise in national and global economy. Govt.policies and schemes for enterprise development.

Developing entrepreneurial competencies - requirements and understanding the process of entrepreneurship development, self awareness, inter personal skills, creativity , assertiveness, achievement, factors affecting entrepreneurs role.

UNIT- V

Launching and organising an enterprise Environment scanning- information, sources, schemes of assistance, problems.

Enterprise selection, market assessment, enterprise feasibility study.

Resource mobilisation, finance. technology, raw material, site and manpower, costing and marketing management and quality control. Feed back, monitoring and evaluation.

REFERENCES :

Bandarkar, P.L. and wilkinson T.S. (2000) : Methodology and Techniques of Social Research, Himalya publishing House Mumbai.

Bhatnagar, G.L. (1990) : Research Methods and Measurement in behavioural and social science, Agri. Cole publishing Academy, New Delhi.

Mukherjee, R (1989) : The quality of life : valuation in social research, sage publications, New Delhi.

Akhauri M.M.P. (1990) : Entrepreneurship for women in India, NIESBUD, New Delhi.

Hisrich, R.D. and Brush C.G. (1986) The women enterpreneur D.C. Health & Co, Toranto.

Patel, V.C. (1987) : Woman enterpreneurship- Developing New Enterpreneurs, Ahemdabad EDII

M. A. FINAL - 2014

PAPER - V- ADVANCES IN HUMAN DEVELOPMENT

3 Hours Duration

Marks: 100

Note : The question paper will contain three sections as under –

Section-A : One compulsory question with 10 parts, having 2 parts from each unit, short answer in 20 words for each part. Total marks : 10

Section-B : 10 questions, 2 questions from each unit, 5 questions to be attempted, taking one from each unit, answer approximately in 250 words. Total marks : 50

Section-C : 04 questions (question may have sub division) covering all units but not more than one question from each unit, descriptive type, answer in about 500 words, 2 questions to be attempted.

Total marks : 40

UNIT-I

Young Adulthood (19-40 years)

- Definition of an "Adult" need to study
- Developmental tasks of a young adult, significance of the period, responsibilities and adjustment : New family, work place, parenthood , Independence, financial matters.

- Sex role - meaning, concept, issues and their coping strategies, implications on young adults

Middle Adulthood (41to 60 years)

- Definition, physical changes, Developmental Task senses and diseases.
- Menopause, Health issues.
- Stresses in middle age, coping with stress at family, workplace.
- Occupation and job satisfaction
- Pre-retirement and leisure- preparation for retirement

UNIT - II

Late Adulthood and Ageing

- Definition, physiological changes, developmental- Task, health problems and cognitive and memory changes.
- Retirement - effect of retirement on self , family society, financial problems-faced.
- Personality characteristics of old age, factors in ageing
- Social family factors, attitudes toward the aged
- Interests - recreational interests of the aged
- Issues - old age homes, loneliness, coping with loneliness, living in joint family prolonged illness
- Death - preparation and coping strategies.

UNIT - III

Legislation and the policy issues in Family and Child welfare (FCW):

- Historical perspective of legislation and policies in family and child welfare.
- Constitutional provision for protection and welfare of children
- Laws relating to :
 - a) Juvenile Justice Act 1986.
 - b) child Labour (Prohibition and Regulation Act.)
 - c) Hindu Law of Adoption.
 - d) Guardianship and wards Act.

National and International policies for children

- a) U.N. convention 1989, National plan for children 1992
- b) International perspective on children's Issues.
- c) Special Marriage Act, Child Marriage Restrain Act.
- d) Issues relating to Child Marriage
- e) Widow remarriage

Policy on women

- a) National perspective plan for women development
- b) National commission on women
- c) International perspective on women development

UNIT - IV

Importance of Early childhood years.

Principles of Early childhood Care and Education:

- Importance, need and scope of ECCE
- Objective of ECCE
- Types of preschools / programmes : play centres creche day care open school Montessori, Kindergarten, balwadi, anganwadi etc.
- Concept of non- formal, formal and playway methods.

Nursery School - its specific aim & objectives, its contribution to children, parents, students and research work and community.

UNIT-V

Concept of organisation and administration of early childhood centres- budget, building and equipment staff and personnel, planning weekly & daily programmes, records and reports.

Observation : Technique of observation in nursery schools.

Activities for ECCE : Language arts, Art and Craft activities, music, mathematics, science, social studies. Evaluation of programmes, evaluation of children in the classroom.

REFERENCES:-

1. Berk, L.E.(1996) : Child Development, New Delhi, Prentice Hall.
2. Craig, G (1999) : Human Development, NJ : Prentice Hall
3. Lerner, R.M.& Hultseh, D.F.(1983) : Human Development A life span perspective. N.Y. : Mc Graw Hill.
4. Santrock, J.W. (1997) : Life span Development, N.Y. Brown & Bench Mark.
5. Chowdhury Paul, D. (1988) : Youth : Participation and Development, New Delhi : Atmaram and Sons Units V, XII, XIV, XV, (entire book)
6. Chowdhury D Paul : Child welfare/Development, Delhi : Atmaram publication , 1975, Unit I - XII(entire book)
7. Govt. of India , Ministry of Human Resource Development, Department of women and child Development. National perspective plan on Woman Unit VII (entire report)
8. Govt. of India Profile of the child in India : Policies and programme, New Delhi : Ministry of Social welfare. 1980 : Units II , III .
9. Bhatia & Bhatia (1995) : Theory and principles of Education, Doaba House, Delhi.
10. Bremer , J.A. (1998) : Introduction to early childhood Education.
11. Carol, E.C. and Jan Allen (1993) Early childhood curriculum, University of Tennessee, NY : Macmillan.
12. Foster and Heedley , Education in the Kindergarten
13. Green and words, Nursery School Handbook for parents and teachers.
14. Dale, skipper, Witherspoon. Good School for young children.

PAPER -VI- EXTENSION AND COMMUNICATION

3 Hours Duration

Marks: 100

Note : The question paper will contain three sections as under –

Section-A : One compulsory question with 10 parts, having 2 parts from each unit, short answer in 20 words for each part. Total marks : 10

Section-B : 10 questions, 2 questions from each unit, 5 questions to be attempted, taking one from each unit, answer approximately in 250 words. Total marks : 50

Section-C : 04 questions (question may have sub division) covering all units but not more than one question from each unit, descriptive type, answer in about 500 words, 2 questions to be attempted.

Total marks : 40

UNIT-I

Concept of extension education in Home Science - principles philosophy and objectives.

Extension methods and materials.

- a) The principles of learning to be applied in extension education .
- b) Type of extension teaching methods and the characteristics.
- c) General & Specific guides in selecting and using methods.
- d) Need for the use of Audio - Visual aids in extension education.
- e) Evaluation of extension teaching methods.

UNIT - II

Extension teaching and learning :

- a) Principles of extension teaching.
- b) Teaching plan selecting and organizing subject matter.
- c) Approaches used in extension teaching and learning.
- d) Points to be considered while extension teaching.

UNIT - III

Concept & Function of Communication

- a) Definition and Meaning
- b) Communication Process.
- c) Importance of Communication in extension education
- d) Scope of communication
- e) Functions of communication

Mass Media :

- a) Radio forms
- b) Film Forms
- c) Television.
- d) Print Media

UNIT -IV

Role of community workers in extension Education.

- a) Duties of Community worker
- b) Qualities and Skills required for a community worker.
- c) Field work for community worker

UNIT -V

Community Development programme

- a) Meaning of Community Development
- b) General objectives of community development
- c) Brief History of community development
- d) Administration
- e) Obstacles
- f) Specific programmes in population, environment, literacy.

REFERENCES:

1. Dharma O.P. and Bhatnagar O.P. Education and Communication for development Oxford and IBM publications, New Delhi.
2. Kumar K.J. Mass Communication in India : Jaico publishing House , Bombay.
3. Chakrabarti, Audio Visual Education in India, Oxford Book Co. New Delhi, 3rd Ed. 1967.
4. Chandra , Arvinda, Shah Alpana Joshi, Uma Fundamentals of Teaching House Science, Sterling publishers, New Delhi.
5. Chandra Arvinda & Shah Anupama. Non formal education for all. Sterling publishers, New Delhi , 10, Green Park Extension.

PAPER - VII -ADVANCE TEXTILES & FAMILY CLOTHING

3 Hours Duration

MAX. MARKS : 100

Note : The question paper will contain three sections as under –

Section-A : One compulsory question with 10 parts, having 2 parts from each unit, short answer in 20 words for each part.

Total marks : 10

Section-B : 10 questions, 2 questions from each unit, 5 questions to be attempted, taking one from each unit, answer approximately in 250 words. Total marks : 50

Section-C : 04 questions (question may have sub division) covering all units but not more than one question from each unit, descriptive type, answer in about 500 words, 2 questions to be attempted.

Total marks : 40

UNIT -I

Essential of Design :-

- a) Review of the design, analysis and art principles applied in textile designing.
- b) Classification of design: Structural and decorative types of motifs natural, stylized Abstract, Geometric etc.
- c) Making and judging of textile design - layout in design, pattern repeat for all over pattern .
- d) Developing designs for decorating fabrics for various end uses using traditional motifs and different techniques like painting and printing.

UNIT - II

Concept, importance and objective of textile testing, Standardization - Quality standards as applicable to various types of textiles (garments, Knits, carpet, dyeing etc.)

Fabric Testing :-

- a) Fabric construction analysis - weave , ends, picks, count, weight, crimp, thickness etc.
- b) Dimensional stability of fabric- Shrinkage, heat setting.
- c) Breaking, bursting and tearing strength of fabric, method of measurement of above.
- d) Apparel fabric properties, their measurements and advantage - crease recovery, stiffness, feel, texture and hand etc.

UNIT- III

Fabric construction method- Foam, felt. non woven. braids, knits, lace etc. Weft knitting, warp knitting, hosiery stitches and embroidery used. Finishing technology- application and mechanism of resin finishes, organdie finish , soil and oil release finish etc. Chemical constitution of dyes, application method and suitability of various dyes to different fibers and their blends.

UNIT - IV

Role of clothing in sociological, Psychological and personality development of human being, Impact of society on clothing choices, fashion, fads, conformity, mobility.

Factors affecting choice of clothes, physical, aesthetic, economic and social clothing needs of family, requirement of child clothing family budget and wardrobe planning.

Selection of fabrics for clothing and furnishing items.

UNIT- V

Pattern Making techniques- drafting, flat pattern.

Making of checks and plaids.

Fitting - Principles of fitting, factors affecting good fit, common fitting problems, remedying fitting defects.

Handling of special fabric while cutting and stitching (velvet, chiffon)

Supporting fabrics - Lining, interlining facing, underlining

REFERENCE :

- 1. Booth, 1968, Principles of textile testing. Newness Butterwoths, Landon.
- 2. Potter, R 1957, fiber to fabric, Corbman Gregg publishing Div. Mc. Hill. Skinkle, Textile Testing, 1949.
- 3. D.B. Taraporevala Sons & Co. Bombay
- 4. Bogle, Michad, 1977, Textile dyes, finishes and auxiliaries. Garland pub. Inch. New York.
- 5. Marsh J.T. 1979, An introduction to textile finishing, IBH Publication, New Delhi.
- 6. Nattale Bray , Dress designing
- 7. peters; Textile chemistry.

PAPER VIII - PROJECT REPORT WRITING

Marks : 100

The oral examination will be conducted on project submitted by students in any area of Home Science .

The subject of the project work will be selected by the students in consultation with the head of the department and the teacher guiding the project work by the beginning of IIInd term of M.A.Part-I .

The project report will be evaluated of the candidates own work and will have to be certified by the teacher guiding the project work and the head of the department and three typed copies will have to be submitted before one month of the commencement of the examination date.

The candidate will be evaluated on the combined performance of the subject reporting and by the duty constituted committees of department.

A candidate failing at M.A. II Examination but has obtained the minimum marks required for passing in this project report will not be required to re submit the project report at his / her option and in that case the marks obtained in previous examination in this project will be carried forward and the candidate will be eligible to get class but will not be eligible to get prize or scholarship.

PRACTICAL -I - HUMAN NUTRITION

Hours - 3

Marks - 50

DISTRIBUTION OF MARKS

1.	Sessionals and File	-	10+10
2.	Menu Planning	-	10
3.	Preparation of two dishes	-	10
4.	Display	-	5
5.	Viva	-	5
	Total	-	50

Note - There will be one hour for menu planning and 2 hours for cooking

1. Planning and preparation of dishes rich in Energy, Protein, Fat, Fiber, Calcium, Iron, Vitamin A and C.
2. Planning and preparation of bland diet.
3. Planning and preparation of low calorie recipes.
4. Planning and preparation of diets for patients with common disorders- Diabetes, over - weight and liver.
5. Planning and preparation of diets for the elders .
6. Preparation of nutritious snacks for children rich in energy and protein.

**M.A. (P) PRACTICAL -II
INTERIOR - DECORATION**

Hours - 3

Marks - 50

DISTRIBUTION OF MARKS

1.	Sessional and file	10+10
2.	Making of floor plan of any one room and its Interior decoration	- 10+10
3.	Minor Problem	- 5
4.	Viva	- 5
	Total	- 50

1. Collection of Building material (samples)
2. Making of floor plan on a graph paper
3. Furniture placement in a room with the help of furniture templates.
4. Window treatment
5. Making of colour chart and colour schemes
6. Preparation of models for different rooms.

**M.A - FINAL PRACTICAL -III
PARTICIPATION IN NURSERY SCHOOL & PREPARATION OF
AUDIO - VISUAL AIDS**

Hours - 3

Max Marks - 50

DISTRIBUTION OF MARKS

1.	Sessionals and observational Report	- 10+10
2.	Preparation of any one Audio - Visual Aid	- 15
3.	Preparation of any one play - material for pre- schooler	- 10
4.	Viva	- 5
	Total	- 50

1. Visit to nursery school for a week and preparation of a report based on observation.
2. Preparation of various Audio -Visual -Aids.
3. Making of five play material on Early Childhood care Education.
4. Making of one soft toy.
5. Arranging Exhibition
6. Case study of a child.

**MA -FINAL
PRACTICAL - IV
TEXTILE DESIGNING**

DURATION - 3 HOURS

Max Marks - 50

DISTRIBUTION OF MARKS

1.	Sessionals	-	10
2.	Article	-	15
3.	Project	-	15
4.	Viva	-	05
5.	Embroidery	-	05
	Total	-	50

1. paper patterns for Developing various kinds of design according to various shapes, occasions, age etc.
2. Samples of various types of embroideries.
3. preparation of lace by tatting, crochet, macrame etc.
4. Project work using bead work , jardozi, gotta work etc.