

M.A. -I HOME SCIENCE**M.A/M.Sc. EXAMINATION-HOME SCIENCE****HOME SCIENCE**

The M.A./M.Sc. Home Science course in Home Science shall spread over two academic sessions (Previous & Final Exam.)

1. ELIGIBILITY REQUIREMENTS : B.A. with Home Science as one of the subjects or B.Sc. Home Science.

2. The detail of syllabus is as follows :—

M.A. & M.Sc. Previous Examination (1994) :

The examination shall consist of four of theory papers and a practical consisting of 100 marks each.

PAPER-I : FOOD AND NUTRITION (MEAL MANAGEMENT IN HEALTH & DISEASE)

I. Recommended Disatary Allowance.

Meaning & basis for the ICMR allowance.

II. Meal planning.

Principles involved in planning menu, Menu modification to suit different age groups and special conditions.

III. **Selection of Foods :**

Handling and storage of foods.

IV. Adaptation of Normal diet for Therapeutic Purposes Light, Soft, full fluid and clear liquid diet, balance diet, application.

V. Planning following therapeutic diets.

(a) Diet in fever, acute and prolonged, Typhoid.

(b) Diet in kidney diseases, acute and chronic nephritis.

(c) Diet in relation to endocrine diseases and diabetes mellitus.

(d) Diet in relation to Hypertension and cardiac diseases.

V. (a) Diet in relation to diseases of the Gastrointestinal tract, diarrhoea constipation deodinal ulcer etc.

(b) Convalescent and post-operation diets.

Books Recommended—

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| 1. Davidson | Human Nutrition & Diets. |
| 2. Bhol & Crodhart | Modern Nutrition in Health and disease. |
| 3. Anita | Clinical dietetica and Nutrition. |
| 4. Proudfit | Nutrition & Diet Therapy. |
| 5. Jolliffe | Clinical Nutrition. |
| 6. Brber Cooper Mitchall | Nutrition & Health Disease. |

PERIODICALS :

1. The Indian Journal of Nutrition and Diets, Sri. Avinashilingam Home Science College, Coimbatore.
2. Journal of American Dietetic Association.

PAPER -II- CHILD DEVELOPMENT :

1. Introduction to Child Development :-

The purpose of studying children, Fundamental needs of children, Points of view in child study.

2. Heredity and environment, meaning and interaction.

The role of nature and nurture determining intelligence personality & behaviour.

3. Prenatal Development : Stages, factors influencing, Birth process and complication.

4. Infancy

Physical and motor, social & emotional, cognitive and language development.

5. Middle and Late Childhood development trends-physical, emotional, social and intellectual.

6. Early Childhood Years: Physical and motor, social and emotional, cognitive and language development.

7. Adolescence: Health needs and physical changes, changes in social behaviour, development of emotional maturity, interests, family relationships and outside influences on the adolescent.

REFERENCES

1. Illingworth, R.S. the development of the infant and Young child Churchill and Livingstone, 1975.
2. Boron, R.A. Byrne, D. and Kantowitz, B. H. understanding Behaviour Holt & Rinehart, 1980.
3. Newman and Newman, Infancy and childhood, Development and its contexts, Hohn wiley, 1980.
4. Medinnus, G.B. and Johnson, R.C. Child and Adolescence, Prentice Hall, 1972.

OR

PAPER-II- B- EARLY CHILDHOOD EDUCATION

1. Development of Early childhood Education-Historical review of early childhood education, contribution of pestellozzi, froebel, Dewey, Rousseau, Montessori, Gandhi, Tagore, Tarabai, Modak and Ancient Authors of Indian culture.

2. **Goals of Early Childhood Education**—Significance of the first few years of Childhood theoretical perspectives and empirical data. Major philosophies of early childhood education.

3. **Organisational Set Up**

- (a) **Preschool Building**— Site and Location elements of a building plans for various types, space, allotment for indoor outdoor play.
- (b) **Play Equipment**—Principles of selection, equipment for various developments care and use of play equipment, indigenous play equipment, care and use of play equipment, indigenous play equipment.
4. **Pre-school staff and other Personnel**— Selection of staff, academic qualifications, personality characteristics, functioning of personnel.
5. **Records and Requesters**— Values and types, using and maintaining records.
6. **Home School Relationship**— Need, method, parent education

Reference

1. Brothy, J.P., Good, T.I., and Nedler, S.L. Teaching in Preschool. Harper and Row, 1975.
2. Spodak, B. Handbook of research in Early Child education, Collier Macmillan, 1982.
3. Jill, K.R. Nursery School for All, Neil, 1972.
4. Muralidharan, N. The system of Preschool Education in India.
5. Lowenfeld, v. Brittain, labert, W. Creative and Mental Growth, Collier Macmillan. 1982.

Periodicals :

1. Childhood Education. Association for Childhood Education Washington.
2. Bolak, India Association for Preschool Education.
3. ICCW News Bulletin, Indian Council for Child Work.

Paper-III- Any one of the following

(a) Consumer economics

1. Consumer and his wants-Characteristics and classification factors influencing wants.
2. Consumers standard of Living-factors influencing standard of living.
3. Role of consumer in the market, Meaning, functions and types of markets.
4. Consumer's Surplus.

5. Factors influencing consumer choice- a. customs, b. fashion, c. Advertisement d. variety of goods.
6. Problem of Consumer buys.
7. Price- Meaning, Price, fixation under perfect competition, imperfect competition and monopoly.
8. Standardisation grading and labelling.

(b) Stadarisation grading and labeling.

Sessional work :

1. Compression of wholesale and retail prices.
2. Study of the influence of advertisement on consumer. Study of Consumer's problem.

References

1. Principles of economics by Sundaran S.P.M. & Vaish M.C.
2. Economics for Consumer's by Gordan L.S.
3. Consumer's and the Market by reid M. Q.
4. The economics of consumption by cochrane w.w.
5. Consumer Problems and Personal Finance by Trolactrap A.N.

OR

(B) Housing for Family and community Living :

1. Evaluation of Housing

History of housing in India and trends in residential architecture, changes in residential architecture, change in design pattern-factors influencing social, cultural and demographic.

2. Approaches of Housing

Housing as an element in social-economic development process. utilisation and technology strategies for low cost housing.

3. Role of Housing in Integrated Development

Self reliant activity, labour intensive, contribution to asset for formation, employment potential through local industries such as bricks, wood, metal and.....

4. Housing Management Problems in Rural and Urban Areas.

Housing stock-problems related to housing, factor responsible projection for housing requirement and provisions made, Need for improving housing management practices.

5. Housing finance :

Sources of financial assistance, adequacy and limitations, estimating cost of construction, cost of reduction techniques.

Reference

1. Rangwala, S.C. Town Planning, Character Books stall, Anand, 1974.
2. Modck, N.V. and Amdokar, V.N. Town and country Planning Housing Orient Longman, 1971.
3. Publications of Housing boards, N.B.O. ISI, HUDCO.
4. Deshpande, R.S. Modern Homes for India. United Book Corporation, 1974.
5. Faulkner, S. Planning a House, Holt, Rinchart and vinson 1979.

Paper- IV- Any one of the following**(A) Rural Sociology :**

1. Rural Sociology- Definition, scope & Importance.
2. Rural Community- Characteristics, contrast with Urban community.
3. Indian Rurel Institution- Caste, Joint family, Panchayet.
4. Indian Rural Problems.
5. Rural Leadership,
6. Rural Economy-Agriculture, Cottageage & Small*****
7. Agicultural Marketing
8. Family Planning in rural India.
9. Educational aspect of rural life.

Reference

1. Rural Sociology by Dr. Vatsyayan.
2. Rural Sociology in India- A.R. Desav, Popular prakashan, Bombay.
3. Indian Village, S.C. Dubey, Allied Publishers (P) Ltd., New Delhi.
4. Panchayat Raj in India- Rajeswar Dayal,
5. Social Systeme is Rurel India- A.E. Punit, Sterling Publishers (Pvt) Ltd., New Delhi.
6. Community Development in India- B. Mukerjee, Orient Longment's Bombay/New Delhi.

OR

(B) Family and Population Education :

1. Family- Its definition and importance.
2. Society- Evlution of Society, Changing sttitudes, development of Modern Society.
3. Casts- Its definition and theories of its origin, its merit and demerits. Future of castes in India.
4. Culture- Its definition and characteristics.
5. Social Change- Definition, theories and facdo processe of social change.

6. Social Problems- Health & Senitation, childmarriage, unhability, jvental delinquency, prostitution, umemployment, beggagy. Their meaing causes and efforts of their radicatione, Hindu Code, Hindu, Marriage, Act, Legal and Social disabilities of Women.
7. Marriage Meaning, Kinds, exogamy, endogamy and their different forme.
8. Family Organization-Fairmly, its deginition characterarics functions and its cultural educational significance.
9. Types of family-
 - (a) Joint family- definition and characteristics, its merit and demerits causes of its disorgenization.
 - (b) Position of individuel in joint family and its duties and responsibility, mutual relation in joint family between husband and wife, between parents and children.
10. Nucleer Family- Its characteristics, advantages nd disadvantages in nuclear family, changing concepts of family.
11. Population Education -

Scopes, methods, impact of Population growth on the basis requirements of life-food, clothing, shelter, education, standard of living and national economy.

Books recommended :

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| 1. Bogardue | Sociology |
| 2. Crisbert | Fundamental of Sociology |
| 3. Ogbury & Himkoff | A Handbook of Sociology |
| 4. Bajpai S.R. | Methods of Social Survey and Research. |
| 5. Kapadia, K.M. | Marriage & Family in India |
| 6. Maciver | Elements of Sociology |
| 7. Maciver & Page | Society, Introductory Analysis. |
| 8. Kingeley Dawis | Human Society. |
| 9. Mutlow | Caste in India |
| 10. Mools | Dharm & Society |
| 11. Govt. of India Publication, | Social legislation and its role in Social Welfare. |
| 12. Spaffords | Fundamentals of Teaching Home Science |
| 13. Dr. V.N. Singh | Sociology. (samajsharatha) |

Paper- V- Practical :

The distribution of marks will be as follows :-

1. Planning & Cooking

70 marks

M.A./M.Sc. Previous (2005-06 onwards)

DEFENCE & STRATEGIC STUDIES

Restructured Master Degree Course (Applicable from 2005-06)

Note :

1. Three core papers will be taught in each year. In addition to these core papers an optional paper will also be taught in each year.
2. The students will be required to write a dissertation or to participate in the Group Discussion in the previous year. In the Final Year the Students will be required to write a Dissertation and participation in field excursion under the supervision of a teacher towards the partial fulfillment of the requirements of Master Degree in Defence and Strategic Studies. these will be part of prescribed practical.

M.A./M.Sc. Previous (2005-06 onwards)

Core Papers

1. Theory and Practice of War.
2. International Relations and Conflict Resolution.
3. Defence Economics

M.A./M.Sc. Final

Core Papers

1. National Security
2. Evolution of Modern Warfare (Strategic Thoughts)
3. Science and Technology

Optional Papers

Out of the following optional papers the departments will decide to chose one paper each year (in Previous and Final) in view of the available expertise in the faculty.

1. Area studies (Compulsory)
2. International Law (Legal Aspects of International Security)

M.A./M.Sc. Previous (2005-06 onwards)

Core Papers-I : Theory and Practice of WAR

1. Theories and Causes of War : Causes of World War I & II
2. World War- I Strategy, Doctrine Organization ; Development of land warfare, the onset, nature of Trench Warfare Restoration of Mobility and entry of armoured forces
3. World War- II Strategy, Doctrine, Organizations : Development, application and the role of Air Power. Role of Sea Power.