

**DEPARTMENT OF HOME SCIENCE
KURUKSHETRA UNIVERSITY KURUKSHETRA**

B.A. I – SYLLABUS HOME-SCIENCE

Semester-I

Course No.	Title	Exam. duration	Max. marks B.Sc./B.A
101	Family Resource Management	3 Hrs	50 (40+10*)
	Lab - I	3 hrs	50

* Internal Assessment

Semester-II

Course No.	Title	Exam. duration	Max. marks B.Sc./B.A
102	Health & Hygiene	3 Hrs	50 (40+10*)
	Lab - II	3 hrs	50

* Internal Assessment

Instructions for the Examiner : The examiner will set nine questions in all, selecting four question from each section/unit and one compulsory objective type question.

Instructions for the Candidate : The candidate will attempt five questions in all, selecting at least one question from each unit as well as compulsory question.

**BA –I Home Science
Semester - I
Family Resource Management**

Course No 101

**M.Marks : 40
Internal Assessment: 10
Duration of Exam:-
3Hrs**

Instructions for the Examiner : The examiner will set nine questions in all, selecting four question from each section/unit and one compulsory objective type question.

Instructions for the Candidate : The candidate will attempt five questions in all, selecting at least one question from each unit as well as compulsory question.

Unit-I

- I Concept and scope of Home Science (including Job opportunities).
- II Elements and Principles of art
- III Colour - Characteristics and different schemes
- IV Layout of different rooms for in a house.
- V Flower arrangement : types, meaning, importance

Unit-II

- I Resource Management - Definition, importance and steps in the process of Management
- II Family Resources - Definition, classification and management of resources
 - (i) Money management- Meaning, types of income, process of money management, budgeting, keeping records.
 - (ii) Energy management: - Process of energy management, fatigue, rest periods.
 - (iii) Time management – Process of time management, peak loads.
- III Work simplification - Meaning and methods
- IV Consumer education - Definition, consumer choice, buying problems, defective weights and measures, food adulteration and consumer protection.

Reference:

1. Ruth E. Deacon. Francille M. Firebaugh (1975): Family Resource Management – Principle and Application Roy Houghton Mifflin Company (Unit I, II, IV-VII)
2. Irma H. Gross Elizabeth Grandall Marjoris M. Knoll (1973): New Jersey (Unit I-VIII)
3. Devdas Rajamal. P. The meaning of Home Science, Sri Avinashlingam Home Science College, Cambatore.
4. P. Kalpana R. "What is Home Science," Evira Publications, Vadodra.
5. A. H. Rutt, "Home Furnishing" Wiley Eastern Ltd. N. Delhi.
6. Home Management for Indian families – M K. Mann.
7. Modren Ideal homes for India – R Deshpande

Practical

Lab-I

M. Marks: 50
Duration of Exam: 3Hrs

1. Flower arrangement for different occasions - Fresh & Dry
2. Preparation of one drift wood for making dry flower arrangement.
3. Making Rangolies of different types
4. Pot making – by painting and by decoration
5. Table manners & Table setting including napkin folding.
6. Preparation of one menu card,
7. Drawing of layout plans for different rooms

**BA –I Home Science
Semester-II
Health & Hygiene**

Course No 102

**M.Marks: 40
Internal Assessment: 10
Duration of Exam: -
3Hrs**

Instructions for the Examiner : The examiner will set nine questions in all, selecting four question from each section/unit and one compulsory objective type question.

Instructions for the Candidate : The candidate will attempt five questions in all, selecting at least one question from each unit as well as compulsory question.

Unit I

- I) Health and Hygiene - Personal hygiene, Definition of health and factors affecting it- food habits, cleanliness, exercise and sleep.
- II) Water – Importance of water, impurities present in water, sources of contamination of water and water purification (Household and natural methods)
- III) First aid: meaning, importance in daily life.

Unit II

- III Infection – i) Definitions of Infection, Infective agents, Period of infectivity.
ii) Types of diseases and their modes of spread.
iii) Channels of infection
- IV Disinfectants – Definition, types and methods of disinfection.
- V Infectious diseases - Causes, incubation period, mode of spread, symptoms, prevention & control of the following diseases-
 - a) Diseases spread by insects -Malaria, Dengue.
 - b) Diseases spread by ingestion - Dysentery, cholera, typhoid
 - c) Diseases spread by droplet infection - Chicken pox, measles, mumps,
 - d) Disease spread by Contact - Leprosy, AIDS
- VI Immunity - Definition, types of immunity & immunization schedule.
- VII Common emerging health problems among women: Cancer of Breast and Cervical

Reference:

1. Yash pal Bedi (1976) Hygiene & Public Health. Anand Publishing Co., gali No. 1, Nawan Kot Amritsar.
2. V. N. Hhave, (1975) You & Your Health.. National Book Trust
3. Bihari Lal Bhatia, (1961) Elementary.. Hygiene, Orient Longmans, Ltd. Calcutta -13
4. J.E. Park, (1983) Prenentive & Social Medicine, Jabalpur Messrs Banarcidas Bhanot
5. Birendra Nath Ghosh, (1969) Hygiene & Public Health Calcutta Scientific Publishing Co.

Practical

Lab-II

M. Marks: 50
Duration of Exam: 3Hrs

1. Cleaning & polishing of - Brass, Copper, Silver, Aluminum, Steel, Leather, wood, and glass articles.
2. Preparation of polishes for i) wood (ii) leather
3. Preparation of two articles of interior decoration.
4. Immunization Schedule Survey in PHC and local hospitals
5. Acquaintance with First aid techniques

**KURUKSHETRA UNIVERSITY
KURUKSHETRA**

B.A. II – SYLLABUS HOME-SCIENCE

Semester-III

Course No.	Title	Exam. duration	Max. marks B.Sc./B.A
201	Physiology	3 Hrs	50 (45+5*)
	Lab-I	3 hrs	50

Semester-IV

Course No.	Title	Exam. duration	Max. marks B.Sc./B.A
202	Clothing and Textile	3 Hrs	50 (45+5*)
	Lab- II	3 hrs	50

* Internal Assessment

Instructions for the Examiner: The examiner will set nine questions in all, selecting four question from each section/unit and one compulsory objective type question.

Instructions for the Candidate : The candidate will attempt five questions in all, selecting at least one question from each unit as well as compulsory question.

B.A. II (Home Science)
Semester–III
Physiology

Course No.: 201

M. Marks – 45
Int. Assessment -5
Time: – 3 Hrs

Note: Examiners will set nine questions in all, four questions from each unit and one multiple choice compulsory question covering the whole syllabus. Students will attempt five questions in all, selecting not more than two from each unit and one multiple choice compulsory question.

Unit–I

- A. Animal cell structure, composition and division in brief (Mitosis and meiosis)
- B. Skeletal system- Function of skeletal system names of the bones and joints.
- c. Digestive system-Organs of Digestive system, Digestion and absorption of food.
- D. Circulatory system- Blood, composition and functions and coagulation.
 - 1. Heart-structure and working.
 - 2. Blood pressure.
 - 3. Normal values of Hemoglobin cholesterol, urea, uric acid and glucose in blood.

Unit–II

- A. Excretory system functions of kidney, skin and lungs.
- B. Reproductive system – organs and functioning of male and female sex glands, menstruation, and fertilization.
- c. Endocrine Glands-Functions of different glands, pituitary, thyroid, adrenal, islets of langerhans in pancreas.
- D. Nervous system: Parts (Brain and spinal cord) functions and reflex action.

Practical

Lab - I

M. Marks: 50
Duration of Exam: 3Hrs

- A. Study of different parts of sewing machine its care defect and remedies.
- B. Preparation of samples (15 samples)
 - Basic stitches – tucking, running stitches, hemming, and button hole stitch.
 - Seams-plain seam, run and fill seam.
 - Processes-gathers into a band
 - Darts (Knife and box)
 - Placket opening (continues, wrap and two piece placket)
 - Pen tucks and cross tucks
- C. Embroidery – One article of fancy embroidery using at least four stitches.
- D. Knitting- Following of knitting instructions preparation of two samples of knitting with different designs.
- E. Tie and Dye (one article)
5 samples using different methods.

B.A. II (Home Science)
Semester-IV
Clothing and Textile

Course No.: 202

M. Marks – 45
Int. Assessment -5
Time: – 3 Hrs

Note: Examiners will set nine questions in all, four questions from each unit and one multiple choice compulsory question covering the whole syllabus. Students will attempt five questions in all, selecting not more than two from each unit and one multiple choice compulsory question.

Unit-I

- A. Introduction to traditional textiles of India with names and origin.
- B. Definition and classification of fiber.
- C. Manufacture and properties of different fibers: Cotton, Silk, Polyester, Rayon
- D. Soaps and detergents starches, blues and bleaches.

Unit-II

- A. Meaning and objectives of application of finishes.
- B. Different types of finishes- calendaring bleaching, sizing, mercerizing, pre-shrieking crease resistant, dyeing and printing.
- C. Basic weaves- Plain, Twill, Satin and their variations.
- D. Laundry and reagents, acids alkalis solvents and absorbents.
- E. Stain removal-Classification of stains, methods of removing different types of stain.

Practical

Lab – II

M. Marks: 50
Duration of Exam: 3Hrs

- A. Taking body measurements.
- B. Drafting the following:
 - 1. Child's bodice block and its adaptation to a gathered frock.
 - 2. Adult's bodice block and its adaptation to their choice garments
 - 3. Drafting of salwar or petticoat, blouse/nighty and kameez.
- C. Drafting and stitching of following garments:
 - 1. Frock gathered with sleeves (3 to 8 years old)
 - 2. Salwar or Petticoat (any one)
 - 3. Kameez or Nighty/Blouse (any one)

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KURUKSHETRA
w.e.f. 2012-13

B.A. III – SYLLABUS HOME-SCIENCE

Semester-V

Course No.	Title	Exam. duration	Max. marks B.Sc./B.A
301	Foods and Nutrition	3 Hrs	50 (45+5*)
	Lab-I	3 Hrs	50

Semester-VI

Course No.	Title	Exam. duration	Max. marks B.Sc./B.A
302	Human Development	3 Hrs	50 (45+5*)
	Lab- II	3 hrs	50

* Internal Assessment

Instructions for the Examiner : The examiner will set nine questions in all, selecting four question from each section/unit and one compulsory objective type question.

Instructions for the Candidate : The candidate will attempt five questions in all, selecting at least one question from each unit as well as compulsory question.

**B.A. III (Home Science)
Semester-V
Foods and Nutrition**

Course No.:301

M. Marks – 45
Int. Assessment – 5
Time: – 3 Hrs

Note: Examiners will set nine questions in all, four questions from each unit and one multiple choice compulsory question covering the whole syllabus. Students will attempt five questions in all, selecting not more than two from each unit and one multiple choice compulsory question.

Unit-I

- A. Food: functions of food and classification
- B. Essential food constituents: Carbohydrates, Protein, Fats.
- C. Food source: Functions daily allowances, deficiency and excess intake of followings:
 - Vitamins: A,D,E,K,B1,B2,B3,C,B12. Folic acid.
 - Minerals- Calcium, Iron, Iodine, Sodium, Potassium.
- D. Water functions in the body.
- E. Role of dietary fiber in human nutrition.
- F. Principles and methods of cooking. Advantages of cooking of the food. Effect of cooking on different nutrients.
 - Moist heat - Boiling, stewing, steaming
 - Dry heat - Roasting grilling baking
 - Frying - Shallow and deep
 - Radiation - Solar and microwave
- G. Methods of enhancing nutritive value of food stuff.
 - Importance of enhancing nutritive value of food stuffs.
 - Method of enhancing nutritive value of food stuffs, Sprouting fermentation combination and supplementation.

Unit-II

- A. Meal planning
- B. Concept of balanced diet
- C. Principles of meal planning, factors affecting it
- D. Principles of meal planning for- children 3 to 5 years old school going child adolescents adults.
- E. Pregnant women and lactating mother
- F. Introduction to therapeutic Nutrition, therapeutic adaptation of the normal diet soft and fluid diet, planning of diet in following conditions.

- Typhoid fever
 - Diarrhea.
 - Constipation
 - Diabetes
 - High Blood Pressure
- G. Food Preservation:
- Importance of Food Preservation
 - Causes of food spoilage
 - Principles of food preservation
 - Methods of food preservation with special emphasis on household methods.

Semester – V

M.M. – 50
Time – 3 Hrs.

Lab - I

1. Planning and Preparation of meals for:
 - a) Pre-school and school going child.
 - b) Adolescents boys and girls.
 - c) Adult belonging to low, middle and high income group.
 - d) Pregnant and lactating mother.

2. Planning and preparation of invalid diets for the patients suffering from:
 - a) Typhoid fever.
 - b) Diarrhea.
 - c) Constipation.
 - d) Diabetes.
 - e) High blood pressure.

**B.A. III (Home Science)
Semester-VI
Human Development**

Course No.: 302

Marks – 45
Int. Assessment - 5
Time: – 3 Hrs

Note: Examiners will set nine questions in all, four questions from each unit and one multiple choice compulsory question covering the whole syllabus. Students will attempt five questions in all, selecting not more than two from each unit and one multiple choice compulsory question.

Unit-I

- A. Child Psychology: Definition, aims, subject matter, objectives of studying.
- B. Learning: Meaning, importance, method of learning, factors effecting learning.
- C. Intelligence: Definition, Measurement of intelligence.
- D. Personality Development: Definitions, types and factors affecting the development of personality.
- E. Play: Definition, features and types of play. Difference between work and play. Importance of play in childhood.

Unit-II

- A. Stages of the development of the child , characteristics of :
 - Infancy
 - Childhood
 - Adolescence-Problem of an adolescent child, role of parents and teacher in solving them.
- B. The Expectant mother:
 - Sign of pregnancy
 - Discomforts of pregnancy
 - Care of the expectant mother in brief
 - All effects of an early marriage.
- C. Care of newborn infants- Bathing, clothing and hygiene during infancy.
Feeding of an infant: Breast feeding verses Artificial feeding.
Weaning: meaning and importance, methods of weaning
- D. Common ailments of childhood:
 - 1. Cold, cough, fever.
 - 2. Digestive disturbances-Diarrhea. Constipation and Vomiting.
- E. Skin infection-prickly heat, allergy.
- F. Convulsions.

Semester – VI

M.M. – 50
Time – 3 Hrs.

Lab - II

Practical

- A. Preparation of various dishes under following heads using different method of cooking.
 - Desserts
 - Snacks - Using the methods of baking, frying, grilling
- B. Preparation of various dishes under following heads using different method of cooking.
 - Salad and salad dressing - Indian and continental
 - Packed lunch and picnic lunch.
- C. Food preservation – Pickle, Chutney, Jam, Squash, Morrbbba (at least 2 each)
- D. Party Dishes and their presentation with table setting.
- E. Micro wave cookery.

KURUKSHETRA UNIVERSITY, KURUKSHETRA

(Established by the State Legislature Act XII of 1956)

BA (I, II) Practical EXAMINATION, 200 April 2019

18-19

Complete

PRACTICAL ATTENDANCE CHART

Chart for Preparing List of each group for Practicals in Science and other Subjects.

Centre for Written Examination T.G.N. College Ladwa.

Centre for Practical Examination T.G.N. Ladwa.

Subject Home-Science Date 15/4/19

Group I Time 2 P.M (E)

Sr.No.	Roll No.	Signature of the Candidate before the Principal	Signature of the Candidate before the Practical Examiner
1	180068612	Bhaxeti dewi	Bhaxeti dewi
2	180068618	ABSENT	ABSENT
3	180068620	Kulvinder	Kulvinder
4	180068640	Preety Rani	Preety Rani
5	180068659	ABSENT	ABSENT
6	180068691	Baljeet Singh	Baljeet Singh
7	180068715	Anjali	Anjali
8	180068720	Bhaxeti	Bhaxeti
9	180068722	Pooja Rani	Pooja Rani
10	180068724	ABSENT	ABSENT
11	180068728	Rajni Devi	Rajni Devi
12	180068748	Mandeep Sharma	Mandeep Sharma
13	180068761	ABSENT	ABSENT
14	180068829	RITIKA	RITIKA
15	180068847	ABSENT	ABSENT
16	180068848	ABSENT	ABSENT
17			
18			

Total No. of Candidates allotted by the Principal 15 + 1 = 16

Total No. of Candidates examined by the Examiner (10) Ten only
 Total No. of Candidates absent in the Six only Practical Examination (6)

Signature of Principal [Signature]
 Address Principal
Indira Gandhi National College
LADWA Distt. Kurukshetra

Signature of Practical Examiner [Signature]
 Address Vidha Singh, C.I.S.K.M.V
Punderi
 Signature & Address of the Co-Examiner (if any) [Signature]
15/4/19
T.G.N. College Ladwa

B.A. Year Examination April 2019
 Subject Home Science Paper Practical
 Max. Marks 100 Minimum Pass Marks 35

Roll No.	Marks in Figures	Marks in words	Initial of Examiner/s
180068612	94	Ninety four	
618	(A)	Absent	
620	90	Ninety only	
640	92	Ninety two	
659	(A)	Absent	
691	80	eighty only	
715	90	Ninety only	
720	85	eighty five	
722	78	seventy eight	

Total

in figures 09 (nine) - 2 = 7 (Seven)

724	(A)	Absent	
728	80	eighty only	
748	75	seventy five	
761	(A)	Absent	
829	74	seventy four	
847	(A)	Absent	
180068648	(A)	Absent	

Total

in figures 7 - 4 = 3 3 + 7 = 10

Pass

Fail

(Name in capital letters) Dr. MADHU GUPTA
 I.C.N. Kadwa Internal Examiner

Signature
 (Identity No.)

(Name in capital letters) VISHA SINGH
 C.I.S.K.M.V. Pundri External Examiner

Signature
 (Identity No.)

Note: Signature charts of the candidates must be attached with the award lists.

KURUKSHETRA UNIVERSITY, KURUKSHETRA

(Established by the State Legislature Act XII of 1956)

BA II year EXAMINATION, 2019

PRACTICAL ATTENDANCE CHART

Chart for Preparing List of each group for Practicals in Science and other Subjects.

Centre for Written Examination _____

Centre for Practical Examination T. G. M. College, DodaSubject Home Science Date 19.11.19Group T Time 9.00 am

Sr.No.	Roll No.	Signature of the Candidate before the Principal	Signature of the Candidate before the Practical Examiner
1	170074910	ABSENT	ABSENT
2	170074925	Ritu Rani	Ritu Rani
3	170074946	Samriti	Samriti
4	170074972	Komal Rani	Komal Rani
5	170074973	Neha Devi	Neha Devi
6	170074995	Aarti Devi	Aarti Devi
7	170074997	Vishakha Devi	Vishakha Devi
8	170075004	Aarti	Aarti
9	170075035	Vandana	Vandana
10	170075044	Tyoti	Tyoti
11	170075059	PREETI Devi	PREETI Devi
12	170075060	Neha sharma	Neha sharma
13	170075082	Savitri Devi	Savitri Devi
14	170075109	Anju	Anju
15	170075110	Ritu	Ritu

Total No. of Candidates allotted by the Principal 15Total No. of Candidates examined by the Examiner 14 fourteen onlyTotal No. of Candidates absent in the Practical Examination oneSignature of Principal
Address _____Signature of Practical Examiner
Address Dr. SAROJINI JAMDAGNISNRL Jorani Girls collegeSignature & Address of the Co-Examiner (if any) MADHU GUPTAJ. G. M. College, Doda

(To be sent to the Deputy/Asstt. Registrar (Secrecy) alongwith Award-Lists in the Confidential Envelope (ES-(42)(5).)

BA II year Examination April 2019

Subject: Home Science Paper Practical

Max. Marks: 100 Minimum Pass Marks: 40

Roll No.	Marks in Figures	Marks in words	Initial of Examiner/s
170074910		Absent	
170074925	89	Eighty Nine	
170074946	88	Eighty eight	
170074972	86	Eighty six	
170074973	82	Eighty two	
170074995	88	Eighty eight	
170074997	98	Ninety eight	
170075004	98	Ninety eight	
170075035	84	Eighty four	

Total in figures: (9) one Absent

170075044	80	Eighty	
170075059	84	Eighty four	
170075060	98	Ninety eight	
170075082	90	Ninety	
170075109	80	Eighty	
170075110	86	Eighty six	

Total in figures: (6) Total (15) Absent (1)

Pass: 14 Fail: Nil

(Name in capital letters: MADHU GUPTA)

Internal Examiner Signature: (M. K. L.) 19/4/19

(Name in capital letters: S.A.R.O.J.I.N.I)

J.A.M.A.D.A.G.M. External Examiner Signature: (J.A.M.A.D.A.G.M.) (Identity No: 12)

Note: Duplicate charts of the candidates must be submitted with the award lists.

KURUKSHETRA UNIVERSITY, KURUKSHETRA

(Established by the State Legislature Act XII of 1956)

B.A IIIrd yr April EXAMINATION, 2019

PRACTICAL ATTENDANCE CHART

Chart for Preparing List of each group for Practicals in Science and other Subjects.

Centre for Written Examination T.G.N College Ladwa.

Centre for Practical Examination Same.

Subject Home Science Date 15-4-2019

Group I Time 9. a.m

Sr.No.	Roll No.	Signature of the Candidate before the Principal	Signature of the Candidate before the Practical Examiner
1	6331724	Sandhya Rani	Sandhya Rani
2	6331728	Kajal	Kajal
2	6331729	Nancy Devi	Nancy Devi
4	6331730	Chahat	Chahat
5	6331734	Jyoti	Jyoti
6	6331735	Sakshi Sharma	Sakshi Sharma
7	6331737	Kajal Devi	Kajal Devi
8	6331738	Aarti	Aarti
9	6331770	Preeti Devi	Preeti Devi
10	6331772	Kajal	Kajal
11	6331774	Rama	Rama
12	6331776	Sachan Kaur	Sachan Kaur
13	6331781	Neha	Neha
14	6331797	Maninder Kaur	Maninder Kaur
15	6331815	Jyoti	Jyoti
16	6331818	Aarti	Aarti
17	6331819	Shweta	Shweta
18	6331823	Geeta Rani	Geeta Rani

Total No. of Candidates allotted by the Principal (18)

Total No. of Candidates examined by the Examiner (18)

Total No. of Candidates absent in the Practical Examination Nil

Signature of Principal
 Address _____
 Principal
Indira Gandhi National College,
LADWA Distt. Kurukshetra

Signature of Practical Examiner
 Address Vidha Singh, C.T.S.K.M.I.
Fatehpur - Punjab
 Signature & Address of the
 Co-Examiner (if any) (Madhu Gupta)
MADHU GUPTA
T.G.N College, Ladwa

(To be sent to the Deputy/Asstt. Registrar (Secrecy) alongwith Award-Lists in the Confidential)

ORIGINAL

Confidential

(To be submitted to the University)

KURUKSHETRA UNIVERSITY, KURUKSHETRA
(Established by the State Legislature Act XII of 1956)
("A" Grade, NAAC Accredited)

BA III Examination April 2019

Subject Home science Paper Practical

Max. Marks 100 Minimum Pass Marks 35

Roll No.	Marks in Figures	Marks in words	Initial of Examiner/s
6331724	90	Ninety only	
6331728	65	Sixty five	
6331729	72	Seventy two	
6331730	70	Seventy only	
6331734	90	ninety only	
6331735	96	ninety six	
6331737	62	Sixty two	
6331738	94	ninety four	
6331770	94	ninety four	

Total

in figures

90 (Nine)

6331772	82	eighty two	
6331774	60	Sixty only	
6331776	60	Sixty only	
6331781	92	ninety two	
6331797	98	ninety eight	
6331815	94	ninety four	
6331818	80	eighty only	
6331819	90	ninety only	
6331823	62	Sixty two	

Total

in figures

9 (nine) 9+9=18

Pass

Fail

(Name in capital letters) MIADHU GUPTA

I.C.N. College, Radwa Internal Examiner

Signature (M. Gupta)

(Identity No. 157/15)

(Name in capital letters) VIJHA SINGH

C.I.S.K.M.V. Pundri External Examiner

Signature (V. Singh)

(Identity No.)

Note: Signature charts of the candidates must be