

# SYLLABUS

## BACHELOR OF SCIENCE

**B. Sc. (Home Science) Part I Examination, 2016-17**

**B. Sc. (Home Science) Part II Examination, 2017-18**

**B. Sc. (Home Science) Part III Examination, 2018-19**

### Introduction:

Home Science as a field of Education is fully women oriented, preparing women for playing multifarious roles such as a professional career woman, an enlightened homemaker and awakened community worker.. Home Science syllabus has a built-in extension and outreach programme extending the knowledge to the masses. The requisitions of the department are directly in line with the focus of the eleventh plan fulfilling the key elements. The Home Science Department was established in the University in 1969 with Home Science only as a Subject in B.A. In 1991, B.Sc. Home Science programme was started in the department with an intake of 50 students per year. **The department became a Post Graduate department in 1999 offering specialization in M. Sc. (Final) in 3 areas-**

1. Clothing & Textile
2. Food & Nutrition
3. Human Development

### BACHELOR OF SCIENCE

#### General Information for Students

The course of study for the examination shall extend over a period of one year. The examination shall be conducted by means of written papers and practicals wherever prescribed.

### MEDIUM

Candidates are not allowed to use any medium other than English or Hindi for answering question papers. For answering question papers in the subject of English the medium will only be English. For answering question papers in the subject of Hindi the medium will only be Hindi.

### Ekk/e %

fo|k|hZ dks iz'u&iz=ksa dk mRrj nsus ds fy, fgUnh ;k vaxzsth ds vfrfjDr vU; dksbZ ek;/e viukus dh vuqefr ugha gSA vxzsth iz'u&i= ds mRrj nsus ds fy, vaxzsth dh ek;/e gksxkA fgUnh iz'u&i= ds mRrj nsus ds fy, fgUnh gh ek;/e gksxkA

### DIVISION

For a pass, a candidate must secure 36% marks in each subject in theory and practicals separately.

Division will be awarded as follows:

I Division – 60% of the aggregate marks

II Division – 48% of the aggregate marks

III Division – 36% of the aggregate marks

Division is awarded on the aggregate of marks of all the subjects.

**Js.kh %**

mRrh.kZ gksus ds fy, fo|kFkhZ dks izR;sd fo'k; esa 36 izfr'kr vad izklr djuk  
vfuok;Z gSA IS)kfUrd vkSj izk;ksfxd ijh{kk esa vyx&vyx U;wure 36 izfr'kr vad izklr  
djus gksaxsA

mRrh.kZ fo|kFkhZ;ksa dks Js.kh fuEufyf[kr izdkj ls nh tk;sxh%

iw.kkZdksa ds ;ksx dk 60 izfr'kr & izFke Js.kh

iw.kkZdksa ds ;ksx dk 48 izfr'kr & f}rh; Js.kh

iw.kkZdksa ds ;ksx dk 36 izfr'kr & r`rh; Js.kh

**ATTENDANCE****0.78 A**

- For all regular candidates in the Faculties of Arts, Education and Social Sciences, Law, Commerce and Engineering, the minimum attendance requirement shall be that a candidate should have attended at least 71% of the lectures delivered and the tutorials held taken together as well as 70% of the practices and sessionals from the date of her/his admission.
- Condonation of shortage of attendance: The shortage of attendance up to the limit specified below may be condoned on valid reasons:
  - Up to 6% in each subject plus 5 attendance in all in aggregate of the subject/papers be condoned by the Vice Chancellor on the recommendation of the Den/ Directory/ principal for under-graduate students and on the recommendation of the Head of the Department for the post Graduate classes.
  - The NCC/NSS Cadets sent out to parades and Camps and such students who are deputed by the University to take part in games, athletic or cultural activities may for purposes of attendance, be treated as present for the days of their absence in connection with the aforesaid activities and that period shall be added to their subject wise attendance.

Note : The attendance for supplementary student will be counted from the date of admission

**B. Sc (Home Science) Part – I**  
**Examination and Teaching Scheme**

| No.  | Subject                              | Periods |     | Theory     |            | Practical  |            |
|------|--------------------------------------|---------|-----|------------|------------|------------|------------|
|      |                                      | Th.     | Pr. | Max. Marks | Min. Marks | Max. Marks | Min. Marks |
| I    | Elements of Household Physics        | 3       | 2   | 50         | 18         | 30         | 11         |
| II   | Elements of Textile Science          | 3       | 2   | 50         | 18         | 30         | 11         |
| III  | Science of Human Development         | 3       | 2   | 50         | 18         | 30         | 11         |
| IV   | Elements of Nutrition & Food Science | 3       | 2   | 50         | 18         | 30         | 11         |
| V    | Elements of Extension Education      | 3       | 3   | 50         | 18         | 30         | 11         |
| VI   | Applied Physics                      | 2       | -   | 50         | 18         | -          | -          |
| VII  | Applied Chemistry                    | 2       | -   | 50         | 18         | -          | -          |
| VIII | Applied Biology                      | 2       | -   | 50         | 18         | -          | -          |
| IX   | Human Physiology                     | 3       | -   | 50         | 18         | -          | -          |

|              |                                   |           |           |            |           |            |            |
|--------------|-----------------------------------|-----------|-----------|------------|-----------|------------|------------|
|              |                                   | <b>25</b> | <b>11</b> | <b>450</b> |           | <b>150</b> | <b>--</b>  |
| <b>Total</b> |                                   |           |           |            |           |            | <b>600</b> |
| <b>X</b>     | Hindi/English (Foundation course) | <b>6</b>  | <b>-</b>  | <b>100</b> | <b>36</b> | <b>-</b>   | <b>-</b>   |

**B. Sc (Home Science) Part – II**  
**Examination and Teaching Scheme**

| Paper       | Subject  | Theory<br>period per<br>Week | Practical<br>Period per<br>Week | Examination<br>Hours | Max.<br>Mark | Min.<br>Marks |
|-------------|--|------------------------------|---------------------------------|----------------------|--------------|---------------|
| Paper<br>I  | Human Development I<br>(H.D. I) (Growth &<br>Development: Prenatal<br>and Infancy) | 3                            | -<br>*                          | -                    | 50           | 36            |
| Paper<br>II | Human Development II<br>(H.D. II) (Development<br>Aspects: Infancy to Old<br>age)  | 3                            | -                               | -                    | 50           |               |

|            |   |   |   |   |    |   |    |
|------------|---|---|---|---|----|---|----|
| Paper III  | Home Management I (H. Mgt. I) (Principles of Home Management )          | 3 | - | - | 50 | } | 36 |
| Paper IV   | Home Management II (Housing and Home Furnishing)                        | 3 | * | - | 50 |   |    |
| Paper V    | Foods and Nutrition I (F.N. I) (Fundamentals of Nutrition Science)      | 3 | - | - | 50 | } | 36 |
| Paper VI   | Foods and Nutrition II (F.N. II) (Bio-Chemistry)                        | 3 | - | - | 50 |   |    |
| Paper VII  | Clothing & Textile I (Cl.T. I) (Textile Fibers and Fabric Construction) | 3 | - | - | 50 | } | 36 |
| Paper VIII | Clothing & Textile II (Cl.T. II) (Textile Chemistry)                    | 2 | * | - | 50 |   |    |
| Paper IX   | Extension Education I (Teaching and Learning in Extension Education)    | 3 | * | - | 50 |   | 18 |

\*Given Separately

| 1  | 2 | 3 | 4 | 5 | 6  | 7  |
|--|---|---|---|---|----|----|
| Practical Human Development                          |   | - | 3 | - | 30 | 11 |
| Practical Home Management                            |   | - | 3 | - | 30 | 11 |
| Practical food and Nutrition (Bio-Chemistry)         |   | - | 3 | - | 30 | 11 |
| Practical Clothing and Textile (Textile and Laundry) |   | - | 3 | - | 30 | 11 |
| Practical Extension Education                        |   | - | 2 | - | 30 | 11 |

### B. Sc (Home Science) Part – III Examination and Teaching Scheme

| Paper | Subject                 | Theory period per Week | Practical Period per Week | Examination Hours | Max. Mark | Min. Marks |
|-------|-------------------------|------------------------|---------------------------|-------------------|-----------|------------|
| Paper | Foods and Nutrition III | 3                      | *                         | -                 |           |            |

|            |   |   |   |   |    |   |    |
|------------|---|---|---|---|----|---|----|
| I          | F.N. III (Meal Planning and Diet Therapy)   |   |   |   | 50 | } | 36 |
| Paper II   | Foods and Nutrition IV<br>F.N. IV (Food Science)  | 3 | * | - | 50 |   |    |
| Paper III  | Home Management III<br>H. Mgt. III (Family Economics)   | 2 | - | - | 50 | } | 36 |
| Paper IV   | Home Management IV<br>H. Mg. IV<br>(House Hold Equipment )  | 3 | * | - | 50 |   |    |
| Paper V    | Human Development III<br>(H.D. III)<br>(Marriage and Family)  | 3 | - | - | 50 | } | 36 |
| Paper VI   | Human Development IV<br>(H.D. IV) (Pre-School Children: Education, Guidance & Counseling)           | 2 | * | - | 50 |   |    |
| Paper VII  | Clothing & Textile III<br>(Cl.T. III) (Family Clothing and Historic Textile)                        | 3 | * | - | 50 | } | 36 |
| Paper VIII | Extension Education II<br>(Ex. Edu.)<br>(Extension Education in Home Science and Rural Development) | 3 | * | - | 50 |   |    |
| Paper IX   | Foods and Nutrition V<br>F.N. V (Community nutrition)   | 2 | - | - | 50 |   | 18 |

\*Given Separately

| 1   | 2 | 3 | 4 | 5 | 6  | 7  |
|---|---|---|---|---|----|----|
| Practical Meal Planning and Therapeutic Diets |   | - | 3 | - | 25 | 9  |
| Practical Food Science                        |   | - | 2 | - | 20 | 8  |
| Practical Home Management                     |   | - | 3 | - | 30 | 11 |
| Practical Human Development                   |   | - | 3 | - | 25 | 9  |
| Practical Clothing                            |   | - | 3 | - | 30 | 11 |
| Practical Extension Education                 |   | - | 2 | - | 20 | 8  |