

Guru Jambheshwar University of Science & Technology, Hisar

Scheme for Theory + Practical Based Subjects

Guidelines for Scheme of examination of UG Course HOME SCIENCE (under semester system)

The Scheme of Examination of undergraduate (UG) Courses (**Theory-50 marks + Practical-50 marks Based Subjects**) under Faculty of Humanities & Social Sciences run by affiliated degree colleges will be under (40+10) + 50 (External + Internal + Practical) for practical based courses. Pass percentage will be

For the UG courses under Faculty of Humanities & Social Sciences, the guidelines regarding scheme and paper setting will be followed as:

For the end semester examinations regarding practical subjects, nine questions are to be set by the examiner. The candidates shall attempt five questions in all. First question will be compulsory of 10 marks based on the entire syllabus. It will comprise of ten short answer type questions of one mark each. Students are required to attempt any four questions out of remaining eight questions (these eight questions may be (in) up to four units depending on the subject). All remaining questions shall carry equal marks.
Scheme: (40+10) + 50 (External + Internal + Practical)
1 st compulsory question=10 marks (10 short answer type questions of one marks each)
Rest four questions: 7.5 marks each i.e. 4 x 7.5=30
Total = (10+30+10) + 50 = 100 marks

Components of Internal Assessment (Breakdown of 10 marks)	
(a)	Class Test: 2.5 marks
(b)	Assignment: 2.5 marks
(c)	Participation in Class Discussions: 1.5 marks
(d)	Term Paper/written test/2 nd assignment: 2.5 marks
(e)	Attendance: 1 marks*

*Weightage of one mark for **Attendance** component out of 10 marks for Internal Assessment shall be available only to those students who attend **75% and more** of classroom lectures and practical. The break-up of marks for **attendance component** for theory + practical papers shall be as under:

- (a) 75% and above up to 85%: 0.5 mark
- (b) Above 85%: 01 mark

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B.A –I Home Science

Semester-I

HOS 101: Family Resource Management

Max .Marks:100

Theory: 40

Internal Assessment: 10

Practical: 50

Duration of Exam: - 3 Hrs.

Note:-

1. The question paper will consist of *nine* questions. The candidate shall attempt *five* questions in all. The Question No. 1 will be *compulsory*. The Candidate shall attempt *four* more questions selecting at least *two* from each Unit.
2. The **Compulsory Question No.1 of 10 marks** will be short answer type questions containing *ten* questions of equal marks (i.e., one mark each) spread over the whole syllabus. Other question will carry the 7.5 marks each.

Unit-I

- I. Concept and Scope of Home Science (including Job opportunities).
- II. Housing - selection of site for an ideal house-soil, locality and orientation, and functions of home.
- III. Kitchen Garden - meaning and utility of kitchen garden, planning, and types of manure.
- IV. Elements and Principles of Art
- V. Colour - Characteristics and Different Schemes
- VI. Layout of Different Rooms in a House.
- VII. Flower Arrangement: types, meaning, and importance
- VIII. Table Setting and Table Manners.

Unit-II

- I. Resource Management - definition, importance, and steps in the process of management
- II. Family Resources - definition, classification, and management of resources
- III. Money Management - meaning, types of income, process of money management, budgeting, and keeping records.
- IV. Energy Management: - process of energy management, fatigue, and rest periods.
- V. Time Management - process of time management, and peak loads.
- VI. Work Simplification - meaning and methods
- VII. Consumer Education - definition, consumer choice, buying problems, defective weights and measures, & food adulteration and consumer protection.

Reference:

- I) Sweera Rehlan (2018) Family Resource Management, S. Dinesh Sales Corporation, Near Sitla Mandir, Circular Road, Mai Hiran Gate, Jalandhar.
- II) Santosh S, Tikoo (2018) Resource Management, Modern Publishers, Gulab Bhawan,-6, Bahadur Shah Zafar Marg, New Delhi
- III) Ruth E. Deacon. Francille M. Firebaugh (1975): Family Resource Management – Principle and Application, Roy Houghton Mifflin Company
- IV) Devdas Rajamal. P. The meaning of Home Science, Sri Avinashlingam Home Science College, Coimbatore.
- V) P. Kalpana R. “What is Home Science,” Evira Publications, Vadodra.

B.A –I Home Science

Semester-I

HOS(P) 102: Family Resource Management (Practical)

Practical Paper

M. Marks: 50

Duration of Exam: 3Hrs

- I. Making rangoli of different types
- II. Napkin folding using tissue paper/cloth.
- III. Drawing of layout plans for different rooms – drawing cum dining room, bed room, and different types of kitchen
- IV. Budget planning of different income groups
- V. Time plan of students and women.
- VI. Household tests to detect food adulteration.

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B.A –I Home Science
Semester-II
HOS(P) 103: Health & Hygiene

Max .Marks:100
Theory: 40
Internal Assessment: 10
Practical: 50
Duration of Exam: - 3 Hrs.

Note:-

1. The question paper will consist of *nine* questions. The candidate shall attempt *five* questions in all. The Question No. 1 will be *compulsory*. The Candidate shall attempt *four* more questions selecting at least *two* from each Unit.
2. The **Compulsory Question No.1 of 10 marks** will be short answer type questions containing *ten* questions of equal marks (i.e., one mark each) spread over the whole syllabus. Other question will carry the 7.5 marks each.

Unit I

- I) Meaning and Objective of Health Education.
- II) Health Hazards of Modern Age- air, water, soil, and noise pollution.
- III) Personal Hygiene- definition of health and factors affecting it, food habits, cleanliness, exercise, and sleep.
- IV) Mental Health and Concept of Positive Health.
- V) Water – importance, impurities present in water, sources of contamination, and water purification (household and natural methods)
- VI) First Aid: meaning, and importance in daily life.

Unit II

- VII) Infection – i) Definitions of Infection, infective agents, and period of infectivity.
ii) Types of diseases and their modes of spread.
iii) Channels of infection
- VIII) Disinfectants – definition, types, and methods of disinfection.
- IX) Infectious Diseases - causes, incubation period, mode of spread, symptoms, prevention, and control of the following diseases:
 - i) Diseases spread by insects -Malaria, Dengue.
 - ii) Diseases spread by ingestion - Diarrhea, Hepatitis
 - iii) Diseases spread by virus – Polio, Measles
 - iv) Disease spread by contact - Leprosy, AIDS
- X) Immunity - definition, types of immunity, & immunization schedule.

- XI) Common emerging health problems among women: Cancer of Breast and Cervical
- XII) National health programmes – Eradication of Malaria, Leprosy and Polio

References:

- I) Sweera Rehlan (2018) Hygiene, S. Dinesh Sales Corporation, Near Sitla Mandir, Circular Road, Mai Hiran Gate, Jalandhar.
- II) Santosh S, Tikoo(2018) Health, Hygiene and Applied Science, Modern Publishers, Gulab Bhawan,-6, Bahadur Shah Zafar Marg, New Delhi
- III) Yash pal Bedi (1976) Hygiene & Public Health. Anand Publishing Co., gali No. 1, Nawan Kot Amritsar.
- IV) V. N. Hhave, (1975) You & Your Health.. National Book Trust
- V) Bihari Lal Bhatia, (1961) Elementary.. Hygiene, Orient Longmans, Ltd. Calcutta -13
- VI) J.E. Park, (1983) Prenentive & Social Medicine, Jabalpur Messrs Banarcidas Bhanot
- VII) Birendra Nath Ghosh, (1969) Hygiene & Public Health Calcutta Scientific Publishing Co. 4

B.A –I Home Science
Semester-II
HOS(P) 104: Health & Hygiene (Practical)

Practical Paper

M. Marks: 50

Duration of Exam: 3 Hrs.

- I) Cleaning & Polishing of – Brass/Copper, Silver, Aluminum, Steel, and Glass articles.
- II) Preparation of one article of interior decoration using waste material.
- III) Survey of an immunization schedule followed by parents of a child in your locality.
- IV) Preparation of first aid box.
- V) Preparation of a menu card for any meal
- VI) Decoration /painting of a pot.