

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.
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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 = 100marks

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

B.A. IInd Year 3rd & 4th Semester

Scheme

(w.e.f. the academic session 2019-20)

3rd Semester

Paper No.	Paper Code	Nomenclature of Paper	Periods per Week	External Marks	Internal Marks	Practical	Total Marks	Time
Paper-A Theory	HOMS 201	Human Physiology	8	40	10	---	50	3Hrs
Paper-B Practical	HOMS (P) 202	Lab-I	6	---	---	50	50	3Hrs

4th Semester

Paper No.	Paper Code	Nomenclature of Paper	Periods per Week	External Marks	Internal Marks	Practical	Total Marks	Time
Paper A Theory	HOMS 203	Clothing and Textile	8	40	10	---	50	3Hrs
Paper B Practical	HOMS (P) 204	Lab-II	6	---	---	50	50	3Hrs

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B.A. IInd Year 3rd Semester

PAPER-A (THEORY)

HOMS 201 : Human Physiology

(w.e.f. the academic session 2019-20)

Maximum Marks :50

External Marks :40

Internal Marks :10

Time :3 hours

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

- A. Animal cell structure, composition, cell division (Mitosis and meiosis – definition, function and differentiation)
- B. Skeletal system- Functions 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; Heart-structure (only diagram) and working; Blood pressure; Normal values of haemoglobin, cholesterol, urea, uric acid and glucose in blood.

Unit-II

- A. Excretory system structure (only diagram in brief), functions of kidney, skin and lungs.
- B. Reproductive system – organs and functioning of male and female sex glands, menstruation, and fertilization (in brief).
- C. Endocrine Glands-Functions of different glands: pituitary, thyroid, adrenal, pancreas. (only name of diseases caused by hypo and hyper activity of above glands).
- D. Nervous system: Parts (Brain and spinal cord) functions.

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B.A. IInd Year 3rd Semester

PAPER-B (PRACTICAL)

HOMS(P) 202 : Lab I

(w.e.f. the academic session 2019-20)

Maximum Marks :50

Time :3 hours

A. Study of different parts of sewing machine, its care, defects and remedies.

B. Preparation of samples:

- a. Basic stitches – tucking, running stitch, hemming, and button hole stitch.
- b. Seams-plain seam, run and fell seam.
- c. Processes-gathers with band
- d. Darts (Knife and box) with band
- e. Placket opening (continuous and two piece)
- f. Pin and cross tucks

C. Embroidery – One article of fancy embroidery using at least four stitches.

D. Taking body measurements.

E. Drafting and stitching of six panel petticoat/salwar.

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B.A. IInd Year 4th Semester

PAPER-A (THEORY)

HOMS 203 : Clothing and Textile

(w.e.f. the academic session 2019-20)

Maximum Marks :50

External Marks :40

Internal Marks :10

Time :3 hours

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

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

Unit-II

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

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B.A. IInd Year 4th Semester

PAPER-B (PRACTICAL)

HOMS(P) 204 : Lab-II

(w.e.f. the academic session 2019-20)

Maximum Marks :50

Time :3 hours

- A. Drafting Child's bodice block and its adaptation to a gathered frock (3-8 years) with sleeves.
- B. Drafting of Adult's bodice block and its adaptation to their choice garments (Kameez/Nighty/Blouse)
- C. Tie and Dye: 2 samples and one article.
- D. Stain removal.