



Reg. No.:

Name:

University of Kerala

First Semester FYUGP Degree Examination, December 2025

Discipline Specific Core Course

HOME SCIENCE

UK1DSCHSC100 - Fundamentals of Sustainable Living I

Academic Level: 100-199

2024 Admission onwards

Time: 1 Hour 30 Minutes(90 Mins.)

Max. Marks: 42

Part A. 6 Marks.Time:6 Minutes.(Cognitive Level:Remember(RE)/Understand(UN)) Objective Type. 1 Mark
Each.Answer all questions

Qn No.	Question	CL	CO
1	_____ is a natural fibre obtained from silkworms.	RE	5
2	In interior design, _____ refers to the visual equilibrium achieved by distributing elements evenly or strategically across a space.	RE	3
3	Give an example for Animal fibre	UN	5
4	Rice and potato can be classified as _____ rich foods.	UN	2
5	Associate the element of design that deals with the appearance of a surface, such as rough or smooth.	UN	3
6	Classify textile fibres.	UN	5

Part B.8 Marks.Time:24 Minutes.(Cognitive Level:Understand(UN)/Apply(AP))Short Answer. 2 marks each.Answer all questions

Qn No.	Question	CL	CO
7	Identify the functions of nutrients.	UN	1
8	Explain the difference between structural and decorative design	UN	3
9	Explain the difference between lengthwise grain and crosswise grain in fabric.	AP	6
10	Explain how aesthetic planning can be applied to achieve key objectives in interior design	AP	4

Part C. 28 Marks.Time:60 Minutes (Cognitive Level:Apply(AP)/Analyse(AN)/Evaluate(EV)/Create(CR)) Long Answer:7 marks each.Answer all 4 Questions choosing among options * within each question

Qn No.	Question	CL	CO
11	<p>A) Illustrate and explain the concept of 'My Plate.'</p> <p>OR</p> <p>B) Explain the fundamental principles of meal planning. Prepare a meal plan for a vegetarian so that he/she receives all the necessary nutrients. Give examples of foods you would include in such a meal plan.</p>	AP	2, 2
12	<p>A) Generalise on the considerations to be made in planning a balanced diet for an adolescent girl that helps her in meeting the RDA.</p> <p>OR</p> <p>B) Appraise the relation between health and nutrition and the impact of different nutrients on health</p>	AN	2, 2
13	<p>A) Evaluate aesthetic planning based on their objectives.</p> <p>OR</p> <p>B) Illustrate the types of decorative design with diagrams.</p>	EV	3, 3
14	<p>A) Explain how nature and historic costumes have influenced to bring out creative fashion.</p> <p>OR</p> <p>B) You are creating a meal plan for a balanced diet. Using your knowledge of the basic five food groups, explain how you would include each group in the plan and why they are important for maintaining good health.</p>	CR	5, 1