



अटल बिहारी वाजपेयी विश्वविद्यालय, बिलासपुर (छ.ग.)

कोनी पुलिस थाना के सामने, बिलासपुर -रतनपर मार्ग, कोनी, जिला-बिलासपुर (छ.ग.) 495009
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B.Sc- Home Science Part-II Scheme & Examination Session-2024-25

CENTRAL BOARD OF STUDIES- COMMERECE-MARKS DISTRIBUTION

S.No.	Code	Subject	Paper	Maximum Marks	Minimum Marks	
		Foundation Course	Theory			
1	HSCF- 4T	Hindi Language	Theory	75	26	
2	HSCF- 5T	English Language	Theory	75	26	
3	HSCF- 7T	Nutritional Management in Health & Diseases	Theory	50	17	
4	HSCF-8Y	Textile and Fiber Science	Theory	50	17	
5	HSCF-9T	Human Physiology and Community Nutrition	Theory	50	17	
6	HSCF-10T	Communication Process	Theory	50	17	
7	HSCF-11T	Life Span Development	Theory	50	17	
8	HSCF-12T	Consumer Economics	Theory	50	17	
9	HSCF-7P	Nutritional Management in Health & Diseases	Practical	25	9	
10	HSCF-8P	Textile and Fiber Science	Practical	25	9	
11	HSCF-9P	Human Physiology and Community Nutrition	Practical	25	9	
12	HSCF-10P	Communication Process	Practical	25	9	
13	HSCF-11P	Life Span Development	Practical	25	9	
14	HSCF-12P	Consumer Economics	Practical	25	9	
	Total					
		EVS	Theory	75	100	33
		EVS	Practical	25		



ATAL BIHARI VAJPAYEE VISHWA VIDYALAYA, BILASPUR (C.G.)

B.Sc. Home Science

Part- II

Scheme & Examination

Session – 2024-25

SN.	Code	Subject	Paper				Marks	Marks
1.	HSC-4T	Hindi Language	Theory	4	60	15	75	25
2.	HSC-5T	English Language	Theory	4	60	15	75	25
3.	HSC-7T	Nutritional Management in Health & Diseases	Theory	4	60	15	75	25
4.	HSC-8T	Textile and Fiber Science	Theory	4	60	15	75	25
5.	HSC-9T	Human Physiology and Community Nutrition	Theory	4	60	15	75	25
6.	HSC-10T	Communication Process	Theory	4	60	15	75	25
7.	HSC-11T	Life Span Development	Theory	4	60	15	75	25
8.	HSC-12T	Consumer Economics	Theory	4	60	15	75	25
9.	HSC-7P	Nutritional Management in Health and Diseases	Practical	2	25	NA	25	09
10.	HSC-8P	Textile and Fiber Science	Practical	2	25	NA	25	09
11.	HSC-9P	Human Physiology and Community Nutrition	Practical	2	25	NA	25	09
12.	HSC-10P	Communication Process	Practical	2	25	NA	25	09
13.	HSC-11P	Life Span Development	Practical	2	25	NA	25	09
14.	HSC-12P	Consumer Economics	Practical	2	25	NA	25	09
Total				44	630	120	750	



ATAL BIHARI VAJPAYEE VISHWAVIDYALAYA, BILASPUR (C.G)
(Established by Chhattisgarh Legislative Assembly Act No. 07 of 2012)

Scheme and Syllabus

of

B.Sc. Home Science

Year- Second

W.E.F. Session:- ~~2024-25~~

2024-25

Syllabus Approved by the Central Board of Studies

B.Sc. (HOME SCIENCE)

Second	HSCF-4T	Hindi Language	Theory	4	60	15	75	25
	HSCF-5T	English Language	Theory	4	60	15	75	25
	HSC-7T	Nutritional Management in Health & Diseases	Theory	4	60	15	75	25
	HSC-8T	Textile and Fiber Science	Theory	4	60	15	75	25
	HSC-9T	Human Physiology and Community Nutrition	Theory	4	60	15	75	25
	HSC-10T	Communication Process	Theory	4	60	15	75	25
	HSC-11T	Life Span Development	Theory	4	60	15	75	25
	HSC-12T	Consumer Economics	Theory	4	60	15	75	25
	HSC-7P	Nutritional Management in Health and Diseases	Practical	2	25	NA	25	09
	HSC-8P	Textile and Fiber Science	Practical	2	25	NA	25	09
	HSC-9P	Human Physiology and Community Nutrition	Practical	2	25	NA	25	09
	HSC-10P	Communication Process	Practical	2	25	NA	25	09
	HSC-11P	Life Span Development	Practical	2	25	NA	25	09
HSC-12P	Consumer Economics	Practical	2	25	NA	25	09	
		Total		44	630	120	750	

Note- There shall be four extra credits in each year for internship/ Apprenticeship .The certificate of extra credits for this would be provided by the concern university and it is not mandatory.

Abbreviations Used- UE: University Examination IA: Internal Assessment

Note:

1. Students have to pass the Environment Studies (Additional & Compulsory) till the end of the maximum duration provided for the program. Degree will not be awarded without passing the environmental studies paper.
2. There shall be four extra credits in all the years of under graduation for internship/apprenticeship/Skill development program/Value added program. The certificate of extra credits would be provided by the university concern and is not mandatory.



General Information of B.Sc. Home Science Program

1. **Title and code of the program:** The title of the programme shall be Bachelor of Home Science (B.Sc. H.Sc.) The program code of B.Sc. Home Science shall be “HSc2022”.
2. **Eligibility for admission:** Eligibility of admission in B.Sc. Home Science will be as follow:
 - i. Students must pass H.Sc. (Class 12th) in any stream/Three year diploma course in any branch of technical education / Vocational Education or equivalent from a recognized board.
 - ii. Students must have a minimum aggregate of 40% marks in HSc examination (Relaxation in percentage will be as per rule of C.G. Govt.).
3. **Scheme of examination:** Each theory paper is divided into three components as follow, there shall not be any Internal Assessment (IA) for practical part of every subject :-
 - i. Total Marks:100 Marks
 - ii. University Examination (UE): 60 Marks
 - iii. Internal Assessment (IA): 15 Marks
 - iv. Practical : 25 Marks
4. **Internal Assessment (IA):** The structure of IA shall be as follow:
 - i. **Internal test (15 Marks):** There shall be two internal tests of 15 marks each, the average of both tests shall be considered as the marks of internal test. The marks of assignment shall be of 15, the average of the both tests shall be added with marks of assignment, and the total will be divided by two.
5. **University Examination (UE):** The pattern of examination shall be as follow:
 - i. There shall be three sections of question paper: A, B and C.
 - ii. Section A (20 Marks) shall consists “Very Short Answer questions”, Three questions from each unit with internal choice of solving two.
 - iii. Section B (20 Marks) shall consist of “Short answer questions” from each unit, two questions from each unit with internal choice of solving one.
 - iv. The Section C (20 Marks) shall consist “Long answer questions”, one from each unit, with internal choice of solving any two questions, each has 10 marks.
6. **Programme Learning Outcomes (PLO):** On completion of this programme, the students are expected to:

PLO1: To Apply knowledge of Basic Nutrition, Textile and Fibre Science, Resource Management , Community Development , Human Development with basic knowledge of women empowerment and Computer Basics at the individual level , community level and also on commercial level.

PLO2: To apply knowledge of nutrition as Medical Nutrition Therapy for disease correction. Technical knowledge of physio-chemical nature of textile fibres and yarn making, working of various systems in human body, Skillful communication techniques, Developmental stages in life cycle and consumer economics related knowledge.

PLO3: To apply knowledge of Biochemistry of Macro molecules as Protein, Lipids, Carbohydrates and Micro-Molecules as Vitamin, Minerals, Antioxidants, Preservation Technology, Extension education for the community and national benefit, Care of human in early years of life, Principles of Art and Designing and skills of apparel making with fashion designing.

PLO4: To apply new technology in the field of Nutrition as Neutrogenomics, Nanotechnology for Medical Nutrition Therapy, Management of human resources properly, advances in Textile science, advances in Human developments as maintenance of good mental health and Research Methodology with latest data collection and analysis details in the field of Home Science Research.

4

हिंदी भाषाकेव्याकरण के रचना पक्ष का ज्ञान, संप्रेषण कौशल, सामाजिकसंदेश एवं भाषायी दक्षता की दृष्टि तथा नई शिक्षा नीति के उद्देश्य को ध्यान में रखकर पाठ्यक्रम का निर्माण किया गया है।

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बी.ए./ बी.एस-सी./ बी.कॉम./ बी.एच.एस.सी. भाषा- दो

(आधार पाठ्यक्रम)

प्रथम प्रश्नपत्र

हिंदी भाषा

कोड....

पूर्णांक 75

क्रेडिट 05

पाठ्यक्रम का उद्देश्य:-

- (1) गद्य विधाओं से अवगत कराना एवं निबंध कौशल सिखाना।
- (2) कार्यालयीन हिंदी का ज्ञान प्रदान करना।
- (3) हिंदी व्याकरण का समग्र ज्ञान प्रदान करना।
- (4) हिंदी भाषा में प्रचलित विभिन्न शब्द रूपों से परिचित कराना।

पाठ्य विषय:-

इकाई 1. (क) नाखून क्यों बढ़ते हैं?: हजारी प्रसाद द्विवेदी (ख) कार्यालयीन भाषा, मीडिया की भाषा, वित्त एवं वाणिज्य की भाषा, मशीनी भाषा	अंक 15 18 कालखंड
इकाई 2 (क) युवकों का समाज में स्थान : आचार्य नरेंद्र देव (ख) हिंदी के तत्सम, तद्भव, देशज, विदेशी शब्द-परिचय.	अंक 15 18 कालखंड

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संज्ञा, सर्वनाम,	
इकाई 3 (क)डॉ खूबचंद बघेल : हरि ठाकुर (ख)कारक, विशेषण, क्रिया विशेषण	अंक 15 18 कालखंड
इकाई 4 (क) एक पहाड़ीमैना की मौत : डॉ. कांति कुमार जैन (ख) समास, संधि	अंक 15 18 कालखंड
इकाई 5 (क) मातृभूमि : वासुदेव शरण अग्रवाल (ख)अनुवाद - परिभाषा, स्वरूप, प्रकार, स्रोत भाषा और लक्ष्य भाषा, अंग्रेजी से हिंदी में अनुवाद	अंक 15 18 कालखंड

मूल्यांकन योजना:-

प्रत्येक इकाई से एक-एक प्रश्न पूछे जाएंगे। प्रत्येक प्रश्न में आंतरिक विकल्प होगा। प्रत्येक प्रश्न के 15 अंक होंगे। प्रत्येक प्रश्न के दो भाग 'क' और 'ख' होंगे एवं अंक क्रमशः 08 एवं 07 होंगे। प्रश्नपत्र का पूर्णांक 75 निर्धारित है। प्रश्नपत्रके पूर्णांकका दस प्रतिशत अंक आंतरिक मूल्यांकनके लिए निर्धारित है।

पाठ्यक्रम अधिगम परिणाम:-

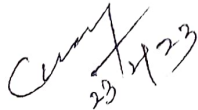
1. गद्य की विभिन्न विधाओं से परिचित हो सकेंगे एवं उनमें साहित्यिक रूझान पैदा होगा।
2. हिंदी के आधारभूत व्याकरणिक अवधारणाओं से विद्यार्थी परिचित हो सकेंगे। उनमें रचनात्मकता एवं भाषाकौशल का विकास होगा।
3. विभिन्न प्रतियोगी परीक्षाओं की तैयारी में यह पाठ्यक्रम सहायक होगा।

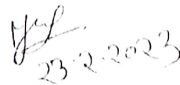
पाठ्यक्रम निर्माण का औचित्य :-

सुप्रसिद्ध विद्वानों के लेख/निबंध/संस्मरण के माध्यम से विद्यार्थियों के चिंतन परक दृष्टिकोण एवं व्यक्तित्व का विकास करते हुए उन्हें व्याकरणिक एवं भाषा-प्रयोग विषयक पक्ष से परिचित कराते हुए प्रतियोगी परीक्षाओं की दृष्टि से तैयार करने की दिशा में यह पाठ्यक्रम उपयोगी रहेगा।





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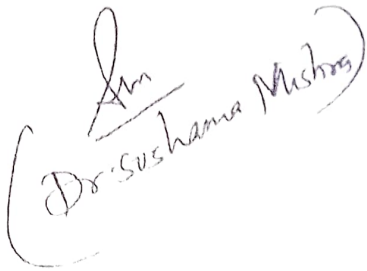
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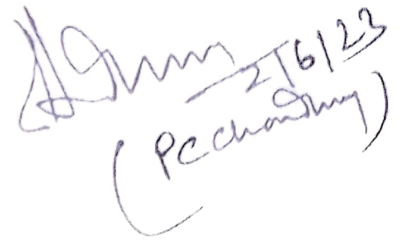
Central Board of Studies Foundation Course Paper-II English Language for Under Graduate Students

Programme Outcomes for English Language B.A/B.Sc/B.Com I, II, III

The programme enables a student to get acquainted

- With the rich cultural heritage and develops patriotic feelings through the works of Indian authors & poets.
- To get exposure of the usage of grammar according to contemporary times.
- To have an exposure about the literary genre with the help of the authors & poets across the globe.
- To develop an appreciation for English Language & Communication Skills.


(Dr. Sushama Mishra)


2/6/23
(P. Chandray)

Learning Outcomes (English Language) B.A/B.Sc/B.Com - I, II, III

The learning outcomes are as follows:

1. To strengthen the linguistic skills -Listening, Speaking, Reading and Writing.
2. To refine the way of thinking and speaking which would lead them to have mighty ideas in day to day life.
3. To improve students speaking ability in English both in terms of fluency and comprehensibility.
4. To enhance practical use of English in day-to-day life.
5. To enrich the vocabulary of the students.

Sushama
12.6.2023
Dr. Sushama Mishra

Sharma
2/6/23
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BA/B.Sc./B.Com/B.Sc. Home.Sc. (Part-II)
Foundation Course Paper-II English Language

Max. Marks:75
 Total credits: 05

Qualifying Marks:26

Paper-II	Mark's	Period's	Credit
Unit-I English in Use: A Textbook for College Students (Semester III), Macmillan Publishers India Pvt Ltd	3x5=15	18	01
Unit -II Business Reports & Media Reports Writing Notices, Blog Writing	1x10=10	18	01
Unit -III Reading Comprehension (a) Unseen Passage (MCQ -based) (b) Vocabulary (Text-based)	1x5=05 1x10=10	18	01
Unit -IV Essay Writing: Discursive Essay, Argumentative Essay	1x10=10	09	0.5
Unit-V Grammar : • Ordering of words • Voice • Conditional sentences • Use of some, any, enough, too, otherwise, few, many, such, very • Prepositions • Question tags • Transformation of sentences (like-Simple to Compound to Complex, Exclamatory to Assertive) • Transformation of sentences with positive, Comparative and superlative degrees • Grammatical items given in the textbook 'English in Use'	1x25=25	27	1.5
Total	75	90	05
Recommended Books- 1. Essential English Grammar, 2nd Edition by Raymond Murphy, Cambridge Publication 2. English Grammar in use 5th edition by Raymond Murphy, Cambridge Publication. 3. Advanced English Grammar by Martin Hewings Cambridge University Press.			

Ans
 (Dr. Sushama Mishra)

Dr. Sushama
 2/6/23
 (P. Chandra)

Part A: Introduction

Program: Diploma Course		Class: B.Sc. Home Science II Year	Year: 2024	Session: 2024-25
1	Course Code	HSC-7T		
2	Course Title	Nutritional Management in Health and Diseases		
3	Course Type	Theory		
4	Pre-requisite (if any)	NO		
5	Course Learning Outcomes (CLO)	At the end of this course, the students will be enable to: <ul style="list-style-type: none"> • To understand Importance of Meal Planning. • To understand Factors affecting nutritional requirements. • To understand Normal nutrition. • To understand Medical nutritional therapy in various diseases. • To understand Conversion of Normal Diet to Disease Specific Diet. 		
6	Credit Value	Theory: 4		
7	Total Marks	Max. Marks: 60+15	Min Passing Marks : 25	

Part B: Content of the Course

Total Periods: 60

Unit	Topics	No. of Periods
I	Definition of Health and Nutrition: Dimensions of Health (Physical, Psychological, emotional and Spiritual). Concept of nutritionally adequate diet and meal planning: Importance of meal planning, Factors affecting meal planning- Nutritional, Socio-cultural, Religious, Geographic, Economic Availability of time.	12
II	Steps involved in planning a diet: RDA, Food list-using ICMR tables, using cooked food exchange list, Making Menu, The Food Guide-four food group plan of ICMR, Food Pyramid, and General Dietary Guidelines suggested by ICMR, Planning of balance diet-food composition tables, principles of planning diets, Planning diets for institutions.	12
III	Nutrition through the life cycle: (At different activity and Social economic levels) requirements, nutritional problems, food selection. Adulthood, Pregnancy, Lactation, Pre-School, Adolescence.	12
IV	Principles of diet therapy: Modification of Normal diet for therapeutic purposes, full diet, soft diet. Fluid diet, Bland diet. Energy modification and Nutrition for weight management-Identifying the overweight and obese. etiological factors contributing to Obesity. Prevention and treatment, low energy diets. Underweight -etiology and assessment.	12
V	Etiology: Symptoms and diet management of the following -Diarrhea, Constipation, Peptic ulcer, Jaundice, Viral Hepatitis, Cirrhosis. Diet in disease of the endocrine: Pancreas-Diabetes mellitus-classification, symptoms, diagnosis, Dietary care and Nutritional,	12

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management of diabetes Mellitus, Insulin therapy, Oral Hypoglycemic agents, Juvenile Diabetes.

Diseases of the Cardio Vascular system: Atherosclerosis Etiology and Risk Factor, Hypertension-Etiology, prevalence Nutritional management and prevention. Renal diseases-Nephritis, Nephrosis - Causes, Symptoms and Dietary management

Keywords: : Health and Nutrition, Concept of nutritionally adequate diet and meal planning, Steps involved in planning a diet, Nutrition through the life cycle, Principles of diet therapy, Etiology, Pancreas, Cardio-Vascular system.

Part C: Learning Resources

Text Books, Reference Books, Other Resources

Suggested Readings:

1. आहार एवं पोषण डॉ वृन्दा सिंह, Hindi edition, Panchsheel Publishers.
2. Dietetics: B. Shrilaxmi ,8th edition, New Age International publishers.
3. Human Nutrition and Dietetics: Davidson and Passmore, 8th edition, Livingstone Publishers.
4. Normal and Therapeutic Nutrition: Robinson, 17th edition, Mac Millan publishing Company.
5. Food, Nutrition and Diet Therapy: Krause, 11th edition, Saunders Publishers.
6. Nutrition and Diet Therapy: Su.R.Williams, 4th edition, C.V.Mosby Co. Publishers.
7. Modern Nutrition in Health and Disease: Shils, M.E. Olson, 8th edition, Lea and Febigera Waverly Company Publishers.

E:learning Resources:

1. Balance Diet:
 1. https://www.google.com/search?q=balanced+diet&rlz=1C1JJTC_enIN950IN950andq=Balanceandaqs=chrome.
 2. <https://iamherbalifenutrition.com/nutrition:facts/balanced:diet:daily:nutrition/>
2. Principles of diet therapy:
 1. https://www.google.com/search?q=principles+of+diet+therapy&rlz=1C1JJTC_enIN950IN950andq=principle+of+diet+andaqs=chrome.2.69i57j0i1019.15376j0j15andsourcoid=chromeandie=UTF:8
 2. <https://www.youtube.com/watch?v=OVM97v:Ysmw>
 3. https://onlinecourses.swayan2.ac.in/cec21_hs09/preview
3. Food Pyramid:
 1. https://www.google.com/search?q=food+pyramid&rlz=1C1JJTC_enIN950IN950andq=food+pandaqs=chrome.3.69i57j35i39j0i67j0i433i51
 2. https://www.youtube.com/watch?v=ZajKRG_asfs
4. Diet for cirrhosis:
 1. https://www.google.com/search?q=diet+of+cirrhosis&rlz=1C1JJTC_enIN950IN950andq=diet+of+chrosisandaqs=chrome.1
 2. <https://www.medtalks.in/articles/nutrition:and:progNOsis:of:liver:diseases>
5. Diseases of the Cardio Vascular system:
 1. https://www.google.com/search?q=disease+and+diet+of+cardiovascular+system&rlz=1C1JJTC_
 2. <https://www.betterhealth.vic.gov.au/health/conditionsandtreatments/heart:disease:and:food>

Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods::

Maximum Marks: 75

Continuous Comprehensive Evaluation(CCE): 15

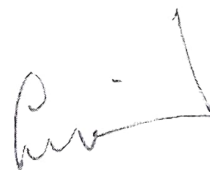
University Exam (UE): 60

Internal Assessment :

Continuous Comprehensive
Evaluation (CCE)

Class Test
Assignment/Presentation

Two Test each of 15
Assignment Marks: 15
(Mean of Two Tests + Assignment
Divided by 2)



Part A: Introduction

Program: Diploma Course		Class: B.Sc. Home Science II Year	Year: 2024	Session: 2024:2025
1	Course Code	HSC-8T		
2	Course Title	Textile And Fiber Science		
3	Course Type	Theory		
4	Pre-requisite (if any)	NO		
5	Course Learning Outcomes (CLO)	At the end of this course, the students will be enable to: <ul style="list-style-type: none"> • To understand basic Knowledge of elements of Arts in Textile science. • To understand various type of dyeing and printing technology. • To understand technique for cloth disinfection.. • To understand basic Knowledge of cleaning and dry cleaning. • To understand various finishes. • To understand basic chemistry of soap and detergents. 		
6	Credit Value	Theory: 4		
7	Total Marks	Max. Marks: 60+15	Min Passing Marks : 25	

Part B:Content of the Course

Total Periods: 60

Unit	Topics	No. of Periods
I	Introduction to Elements of arts: Principles of design, Colour theories and colour schemes, Pattern - different type of pattern.	12
II	Principles of laundry and its methods: Cleaning materials and Detergents: Soap and detergent, Other cleaning agents, Water: Hardness of water, methods of removal of hardness, Dry cleaning.	12
III	Bleach: types and uses, other reagents used in laundry. Starch: types and uses. Blue: types and uses. Stain removal: classification and technique of stain removal.	12
IV	Disinfection of clothes: Care and Storage of fabrics, Selection of fabric for dress according to age, climate, occupation, occasion, Fashion, personality and figure, Wardrobe planning.	12
V	Equipment and supplies used in clothing construction: Tailoring, General Principles of clothing construction, Methods of taking body measurements, Drafting and Draping, Pattern Making, General instructions for pattern making, Methods, Types and layout.	12

Keywords: : Elements of arts, design, Pattern, laundry and its methods, Bleach, Starch, Blue, Stain removal, Care and Storage of fabrics, Equipment and supplies used in clothing Construction.

Part C: Learning Resources

Text Books, Reference Books, Other Resources

Suggested Readings:

1. वस्त्र विज्ञान एवं परिधान का परिचय: डॉ मंजु पाटनी, 3rd edition, star publication.
2. वस्त्र विज्ञान - वृन्दा सिंह, Hindi edition, Panchsheel Publication.
3. वस्त्र विज्ञान एवं परिधान— डॉ प्रमिला , Hindi edition, Bihar Hindi Garth publication.
4. वस्त्र विज्ञान के मूल सिद्धान्त— डॉ जी पी शेरी, Hindi edition, Shri ViNOd Pustak Mandir Publication.
5. The complete Book of Fashion Illustration: Tate, S.L., 2nd edition, New York, Harper and Row Publication.
6. Fashion drawing: basic principles: Allen, Anne , 2nd edition, Batsford Ltd Publication.
7. Fashion Illustration: Barnes Colin, 3rd edition, Little Brown Publication.
8. Fundamentals of Textiles and their care: Sushila Dhantyagi, 5th edition, Orient Blackswan Private publication.

E-learning Resources:

1. Principle of Design:
https://www.google.com/search?q=principles+of+designandrlz=1C1JJTC_enIN950IN950anddq=principle+of+desandaqs
2. Method of remove hardness of water:
https://www.google.com/search?q=method+of+remove+hardness+of+waterandrlz=1C1JJTC_
3. Bleach:
https://www.google.com/search?q=types+of+bleaching+in+textileandrlz=1C1JJTC_
4. Stain Remover:
https://www.google.com/search?q=Stain+removingandrlz=1C1JJTC_enIN950IN950anddq=Stain+removingandaqs=chrome
5. Details of Indian Fashion
<https://www.udemy.com/topic/fashion-design/>
6. Concepts of Textile and Fashion
<https://www.coursera.org/courses?query=fashion%20design>
7. Cloth designing related courses
<https://www.onlinestudies.com/Courses/Fashion-Design/>

Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods::

Maximum Marks: 75

Continuous Comprehensive Evaluation(CCE): 15

University Exam (UE): 60

Internal Assessment:

Continuous Comprehensive Evaluation (CCE)

Class Test

Assignment/Presentation

Two Test each of 15

Assignment Marks: 15

(Mean of Two Tests + Assignment
Divided by 2)

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Part A: Introduction

Program: Diploma Course		Class: B.Sc. Home Science II Year	Year: 2024	Session: 2024:2025
1	Course Code	HSC-8P		
2	Course Title	LAB8: Textile And Fiber Science		
3	Course Type	Practical		
4	Pre-requisite (if any)	Theoretical Knowledge of physiochemical properties of textile fibers and dyeing, printing technology.		
5	Course Learning Outcomes (CLO)	At the end of this course, the students will be enable to: <ul style="list-style-type: none">• To understand basic Knowledge pattern making techniques.• To understand various type of dry cleaning.• To understand measurement technique for stain removal.• To understand basic Knowledge of cleaning and dry cleaning• To understand cloth disinfection.• To understand basic chemistry of soap and detergents.		
6	Credit Value	Practical: 2		
7	Total Marks	Max. Marks: 25	Min Passing Marks : 09	

Part B: Content of the Course

Total No. of Periods : 15

Tentative Practical List

Note: This is tentative list; the teachers concern can add more Experiment as per requirement

1. Prepare design with different colour schemes.
2. Prepare different patterns: geometrical, decorative.
3. Educational visit to dry cleaning unit.
4. Educational visit to Boutique and famous tailoring shop.
5. Stain removal.
6. Washing of different type of cloths by different methods.
7. Soap and detergent making-hot and cold method.
8. Application of various finishes: Calendaring, starching, blueing.
9. 07 day workshop on tailoring.
10. Educational visit to soap manufacturing unit.
11. 07 days workshop on soap making/ Printing TechNOlogy.

Part C: Learning Resources

Text Books, Reference Books, Other Resources

Suggested Readings:

1. वस्त्र विज्ञान एवं परिधान का परिचय: डॉ मंजू पाटनी, 3rd edition, star publication.
2. वस्त्र विज्ञान and वृन्दा सिंह, Hindi edition, Panchsheel Publication.
3. वस्त्र विज्ञान एवं परिधान-डॉ. प्रमिला, Hindi edition, Bihar Hindi Garth publication.
4. वस्त्र विज्ञान के मूल सिद्धान्त-डॉ जी पी शर्मा, Hindi edition, Shri Vinod Pustak Mandir Publication.
5. The complete Book of Fashion Illustration: Tate, S.L., 2nd edition, New York, Harper and Row

Publication.

6. Fashion drawing: basic principles: Allen, Anne , 2nd edition, Batsford Ltd Publication.
7. Fashion Illustration: Barnes Colin, 3rd edition, Little Brown Publication.
8. Fundamentals of Textiles and their care: Sushila Dhantiyagi, 5th edition, Orient Blackswan Private publication.

E-learning Resources:

1. Preparing of different Patterns
<https://www.google.com/search?q=preparing+for+different+patterns+in+clothandrlz=1C1JJTC>
2. Preparing Color Schemes
<https://www.canva.com/learn/100:color:combinations/>
3. Details of Indian Fashion
<https://www.udemy.com/topic/fashion-design/>
4. Concepts of Textile and Fashion
<https://www.coursera.org/courses?query=fashion%20design>
5. Cloth designing related courses
<https://www.onlinestudies.com/Courses/Fashion-Design/>

Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods::

Maximum Marks: 25

Continuous Comprehensive Evaluation(CCE): Not Applicable

University Exam (UE): 25

Internal Assessment:

Continuous Comprehensive
Evaluation (CCE)

Class Test
Assignment/Presentation

Not Applicable

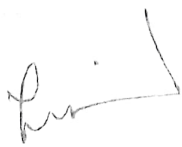
Part A: Introduction

Program: Diploma Course		Class: B.Sc. Home Science II Year	Year: 2024	Session: 2024,2025
1	Course Code	HSC-9T		
2	Course Title	Human Physiology and Community Nutrition		
3	Course Type	Theory		
4	Pre-requisite (if any)	NO		
5	Course Learning Outcomes (CLO)	<p>At the end of this course, the students will be enable to:</p> <ul style="list-style-type: none"> • To understand Basic Knowledge of Human anatomy. • To understand physiology of various system in human body. • To understand Basic concept of community nutrition. • To understand various nutrition deficiency diseases prevalent in Indian community. • To understand various prophylaxis programs run by government. 		
6	Credit Value	Theory: 4		
7	Total Marks	Max. Marks: 60+15	Min Passing Marks : 25	

Part B: Content of the Course

Total Periods: 60

Unit	Topics	NO. of Periods
I	An introduction of Physiology and Anatomy: Cell –Structure and functions of human cell, Tissues –Classification and structure, Cardio vascular System– Blood –Composition and Functions, Heart–Structure and Functions , Vessels–Structure and Functions of Artery, Veins and Capillaries.	12
II	Gastro intestinal System: Structure and Functions of various organs of the gastro intestinal tract, Digestion and absorption of food. Nervous System: Elementary Anatomy of Nervous System, Functions of different part of the brain and spinal cord.	12
III	Excretory System: Structure and functions of kidney, bladder, formation of urine, Respiratory System: Structure of Lungs, Mechanism of respiration and its regulation, Transportation of Gases	12
IV	Musculo-Skeletal System: Types of Muscles and its functions, Skeletal System–Types of Bones.	12



V	<p>Concept and Scope of Community Nutrition: Nutritional problems of the community and implications for public health .Common Problems in India – Causes (Nutritional and Non Nutritional Problems) Incidence of Nutritional problems, sigh, symptoms and Treatment.</p> <p>Protein-Energy Malnutrition (PEM). Prophylaxes - Program to Combat Nutritional Problems in India.</p>	12
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Keywords:: An introduction of Physiology and Anatomy, Gastro intestinal System, Excretory System, Musculo- Skeletal System, Concept and Scope of Community Nutrition.

Part C: Learning Resources

Text Books, Reference Books, Other Resources

Suggested Readings:

1. Concise Medical physiology: Chaudhuri, 1st edition, New Central Book Agency Publication.
2. Anatomy and physiology for nurses: Evilyn pears, 16th edition, Jaypee Brothers Publication.
3. Physiology: Sembulingam, 8th edition, Jaypee Brothers Publication.
4. Anatomy, Physiology and Hygiene- Dr Sandhya Verma, Vinod Pustak Mandie, Agra, India.
5. Physiology – J.P. Agrawal, 2nd edition, Jaypee Brothers Publication.
6. Human Physiology: C.C. Chatterjee, 13th edition, CBS Publication.
7. Text book of Medical Physiology: Guyton, A.C. Hall, 2nd edition, Elsevier India Publication.
8. Fundamental of Medical Physiology: Harminder Singh, 2nd edition, Elsevier Publication.

E- learning Resources:

1. Cell:
https://www.google.com/search?q=cellandrlz=1C1JJTC_enIN950IN950anddq=cellandaqs=chrome..
2. Nervous System:
https://www.google.com/search?q=nervous+systemandrlz=1C1JJTC_enIN950IN950anddq=Nerandaqs=chrome
3. Excretory System:
https://www.google.com/search?q=excretory+systemandrlz=1C1JJTC_enIN950IN950anddq=excaandaqs=chrome

Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods::

Maximum Marks: 75

Continuous Comprehensive Evaluation(CCE): 15

University Exam (UE): 60

Internal Assessment:	Class Test	Two Test each of 15
Continuous Comprehensive Evaluation (CCE)	Assignment/Presentation	Assignment Marks: 15 (Mean of Two Tests + Assignment Divided by 2)

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Part A: Introduction

Program: Diploma Course		Class: B.Sc. Home Science II Year	Year: 2024	Session: 2024-2025
1	Course Code	HISC-9P		
2	Course Title	LAB9: Human Physiology and Community Nutrition		
3	Course Type	Practical		
4	Pre-requisite (if any)	Theoretical Knowledge of Human Physiology and anatomy.		
5	Course Learning Outcomes (CLO)	At the end of this course, the students will be enable to: <ul style="list-style-type: none">• To understand Basic Knowledge of Human anatomy.• To understand physiology of regulation of Blood Pressure, blood group.• To understand Basic concept of various types of human tissues.• To understand various nutrition deficiency diseases prevalent in Indian community.• To understand various adulterants.		
6	Credit Value	Practical: 2		
7	Total Marks	Max. Marks: 25	Min Passing Marks : 09	

Part B: Content of the Course

Total NO. of Periods : 15

Tentative Practical List

Note: This is tentative list; the teachers concern can add more Experiment as per requirement.

1. Recording pulse rate.
2. Measurement of Blood Pressure.
3. Identification of Blood Group and Rh factors.
4. Identification of Clotting, Bleeding time .
5. Preparation of temperature chart.
6. Study of Histological slides of different organs.
7. Visit to one Anganwadi centre and record the activities conducted by Anganwadi.
8. Testing of adulterants in common foods (any five).
9. **Project-Making** report of mid day meal program running at nearby school.

Part C: Learning Resources

Text Books, Reference Books, Other Resources

Suggested Readings:

1. Concise Medical physiology: Chaudhuri, 1st edition, New Central Book Agency Publication.
2. Anatomy and physiology for nurses: Evelyn pears, 16th edition, Jaypee Brothers Publication.
3. Physiology: Sembulingam, 8th edition, Jaypee Brothers Publication.
4. Physiology – J.P. Agrawal, 2nd edition, Jaypee Brothers Publication.
5. Human Physiology: C.C. Chatterjee, 13th edition, CBS Publication.

Ravi

6. Text book of Medical Physiology: Guyton, A.C. Hall, 2nd edition, Elsevier India Publication.

7. Fundamental of Medical Physiology: Harminder Singh, 2nd edition, Elsevier Publication.

E- learning Resources:

- preparation of temperature chart:

https://www.google.com/search?q=peparation+of+tempertaure+chartandrlz=1C1JJTC_enIN950IN950and

- Recording of Pulse Rate:

https://www.google.com/search?q=recording+of+pulse+rateandrlz=1C1JJTC_enIN950IN950and

- Measurement of Blood pressure:

https://www.google.com/search?q=measurement+of+blood+pressureandrlz=1C1JJTC_enIN

Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods::

Maximum Marks: 25

Continuous Comprehensive Evaluation(CCE): Not Applicable

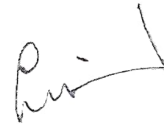
University Exam (UE): 25

Internal Assessment:

Continuous Comprehensive Evaluation (CCE)

Class Test
Assignment/Presentation

Not Applicable



Part A: Introduction

Program: Diploma Course	Class: B.Sc. Home Science II Year	Year: 2024	Session: 2024-2025
1 Course Code	HSC-10T		
2 Course Title	Communication Process		
3 Course Type	Theory		
4 Pre-requisite (if any)	NO		
5 Course Learning Outcomes (CLO)	At the end of this course, the students will be enable to: <ul style="list-style-type: none"> To understand Concept of developing communication skills. To understand the process of communication. To understand soft skill development for proper communication. To understand E Learning for communication. To understand various method to reach individual and mass. 		
6 Credit Value	Theory: 4		
7 Total Marks	Max. Marks: 60	Content of the Course	Min Passing Marks : 25

Total Periods: 60

Unit	Topics	NO. of Periods
I	Concept of development communication: Meaning and importance of communication in development, The purpose of Communication.	12
II	Communication Process: One-way and two-way or interactive communication, Gaps in communication or distortions in transmission of message and their Causes, Importance of two-way communication.	12
III	Methods of communication in Development: Methods to reach individual. Personal conference, Interviews, House visits, Exhibits, Group discussions, Role Plays, Demonstrations, Workshop, Camps, Public meetings, Radio announcements/programs. Posters, Videos, films Documentary, Television programs, Folk media, Songs, Stories. Street theatre, Puppet play Print media, Posters Pamphlets, leaflets, Print Media, Audio/Visuals, Audio Visual Media, Audio tapes, radio broadcasts, Films documentary, feature.	12
IV	Methods of communication: Soft skill Development and its effect on communication skills. Emotional Intelligence, Negotiation, Non verbal communication. Resource fullness, Conflict Resolution, Adaptability, Work Ethic.	12
V	Methods of Communication: E Learning, Internet, Graphic Design, Cyber Security. Data Analysis, Digital and Social Media, Basic Programming and web Development.	12

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Keywords:: development communication, Communication Process, Methods of communication in Development, Methods of communication : soft skill Development and its effect on communication skills, Methods of Communication – “E:Learning”.

Part C: Learning Resources

Text Books, Reference Books, Other Resources

Suggested Readings:

1. Extension Education: Vrinda Singh, 2nd edition, Panchsheel Publication
2. Education and communication for development: O P Dhama, 2rd edition, oxford publication.
3. Extension Education and Communication: V K Dubey, 1st edition, New age International Publication.
4. Extension Communication and Management: G L Ray, 3rd edition, Kalyan Publication.
5. A brief book on Extension Education: Shruti Madan Singh, 2nd edition, New Vishal Publication.
6. SWAYAM portal based course Information and Communication technology: Dr. Aprajita Bhatt.
7. SWAYAM portal based course Home science: Extension and Communication management level:1 course NO.43.

E-Learning Sources:

1. Method of Communication Development:
<https://www.google.com/search?q=methods+of+communication+process&rlz=1C1JJTC>
2. Communication Process:
https://www.google.com/search?q=communication+process&rlz=1C1JJTC_enIN950IN950&andq=communication+proc&andqs=c

Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods::

Maximum Marks: 75

Continuous Comprehensive Evaluation (CCE): 15

University Exam (UE): 60

Internal Assessment : Continuous Comprehensive Evaluation (CCE)

Class Test
Assignment/Presentation

Two Test each of 15
Assignment Marks: 15
(Mean of Two Tests + Assignment
Divided by 2)

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Part A: Introduction

Program: Diploma Course		Class: B.Sc. Home Science II Year	Year: 2024	Session: 2024-2025
1	Course Code	HSC-10P		
2	Course Title	LAB10: Communication Process		
3	Course Type	Practical		
4	Pre-requisite (if any)	Theoretical Knowledge of communication techniques.		
5	Course Learning Outcomes (CLO)	At the end of this course, the students will be enable to: <ul style="list-style-type: none">• To understand Concept of developing communication skills.• To understand the process of communication.• To understand soft skill development for proper communication.• To understand e-Learning for communication.• To identify community problems.• To understand various method to reach individual and mass.		
6	Credit Value	Practical: 2		
7	Total Marks	Max. Marks: 25	Min Passing Marks : 09	

Part B: Content of the Course

Total NO. of Periods : 15

Tentative Practical List	Note: This is tentative list; the teachers concern can add more Experiment as per Requirement <ol style="list-style-type: none">1. Organizing group discussion.2. Organizing group demonstration.3. Preparation and Presentation of Audio visual aids, i.e. Posters, Charts, Cartoons, Models Puppets.4. Posters, Charts, Cartoons, Models Puppets.5. Problem/need identification of a community.6. Preparation of Drama based on Social Development.7. Project-Power Point Presentation individually on any current topic.8. Website/Web Page Designing.9. Marketing Survey.10. Visit to Local Exhibition.
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Part C: Learning Resources

Text Books. Reference Books, Other Resources

Suggested Readings:

1. Extension Education: Vrinda Singh, 2nd edition, Panchsheel Publication.
2. Education and communication for development: O P Dhama, 2rd edition, oxford publication.
3. Extension Education and Communication: V K Dubey, 1st edition, New age International Publication.
4. Extension Communication and Management: G I. Ray, 3rd edition, Kalyan Publication.
5. A brief book on Extension Education: Shruti Madan Singh, 2nd edition, New Vishal Publication.

6. SWAYAM portal based course Information and Communication techNOlogy: Dr. Aprajita Bhatt.
7. SWAYAM portal based course Home science: Extension and Communication management level:1 course NO.43.

E-Learning Sources:

1. Presentation of Audio: Visual Aid:
https://www.google.com/search?q=presentation+on+audio+visual+aids&rlz=1C1JJTC_cnIN950IN950&andq=Presentation+of+Audio+Viandaqs=chrome
2. Web Page/ Web Designing:
https://www.google.com/search?q=web+designing&rlz=1C1JJTC_cnIN950IN950&andsxrf=
3. Marketing Survey:
https://www.google.com/search?q=marketing+survey&rlz=1C1JJTC_cnIN950IN950&andsxrf=

Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods::

Maximum Marks: 25

Continuous Comprehensive Evaluation(CCE): Not Applicable

University Exam (UE): 25

Internal Assessment : Continuous Comprehensive Evaluation (CCE)

Class Test
Assignment/Presentation

Not Applicable

Pr

Part A: Introduction

Program: Diploma Course		Class: B.Sc. Home Science II Year	Year: 2024	Session: 2024-2025
1	Course Code	HSC-11T		
2	Course Title	Life Span Development		
3	Course Type	Theory		
4	Pre-requisite (if any)	NO		
5	Course Learning Outcomes (CLO)	At the end of this course, the students will be able to: <ul style="list-style-type: none"> To understand Basic Knowledge of Human Development. To understand various aspects of development in Life Span. To understand Basic concept Creativity in children. To understand how to impart creativity in children. To understand various problems of life span and coping up strategies. 		
6	Credit Value	Theory: 4		
7	Total Marks	Max. Marks: 60+15	Min Passing Marks : 25	

Part B: Content of the Course

Total Periods: 60		
Unit	Topics	NO. of Periods
I	Life Span development: and need to study development through the life cycle. Inter-relationship between the aspects of development, Childhood period (2 to 12 years): Definition, Characteristics and Developmental tasks.	12
II	Adolescence (13 to 18years): Definition, Developmental tasks, Identity-Definition, body image, positive and negative outcomes (Role of Confusion, ego-identity), Heightened emotionality: Meaning, causes, expression, characteristics of emotional maturity, conflict with authority, coping up strategies.	12
III	Adulthood (19 to 60 years) and ageing: (Early adulthood 19 to 40 years) Definition and characteristics Development tasks, significance of the period, responsibilities and adjustment: New family, parenthood, independence, financial matters. Menopause-Health issues, Stresses in middle age, coping with stress to family, Preparation for retirement, Late Adulthood and Ageing – Definition, Retirement-effect of retirement on self, family, society, and financial problems faced, Recreational interest of the aged, Issues: Old age homes, loneliness, living in joint family, prolonged illness. (Plan visit to old age homes).	12

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IV	<p>Toddlerhood (Emotional Aspect): Importance and ways of meeting child psychological needs to promote feeling of security, Activities according to developments for various age groups trust and acceptance. 13 to 24 months-Strengthening concept formation, imagination and communication through language promotion of problem solving, environment to explore and develop confidence, 25-36 months: Improvement in body movement and communication skills, social skills concept formation.</p>	12
V	<p>Creativity: Concept of creativity and highlights of the role of creative expressions in over all development of children, Creative expressions, Meaning and definition of creativity expressions, Role of teacher in planning and fostering creative expressions, Creative expressions.</p> <p>Art Activities: Painting and graphics, Painting with brush, drawing with crayons, chalk, rangoli on floor, finger painting.(Some special characteristics of this medium), Teacher's role in conducting activities, Tearing, cutting, pasting and collage, mural, Values .materials required and Teacher's role in conducting Activities, Printing: Types of printing i.e. block, vegetables, string, leaf, Stencils, spray, crumpled paper, different Textured surfaces.</p>	12
<p>Keywords:: Life Span development and need, Adolescence (13 to 18 years), Adulthood (19 to 60 years), Toddlerhood (Emotional Aspect), Creativity, Painting and graphics, Tearing, cutting, pasting and collage, mural, Printing.</p>		

Part C: Learning Resources

Text Books. Reference Books, Other Resources

Suggested Readings:

1. Human Development: Vrinda Singh, Hindi edition, Panchsheel Prakashan Publication.
2. Textbook of Human Development: K. Sudha Rani, 2nd edition, S Chand and Company Publication.
3. Child Development: Nandita Babu, 8th edition, Pearson Education Publication.
4. Life Span Development: John W. Santrock, 17th edition, Mc Graw hill Publication.
5. Childhood to Adolescence: Seema Sahay, 1st edition, Pearson Education Publication.
6. Child Development: Laura E. Berk, 9th edition, Pearson Education Publication.
7. Human Development: Daine E. Papalia, 9th edition, Mc Graw hill Publication.

E:learning Resources:

1. Adolescence:
https://www.google.com/search?q=adolescence&rlz=1C1JJTC_enIN950IN950andsxsr&f=
2. Toddlerhood:
https://www.google.com/search?q=Toddlerhood&rlz=1C1JJTC_enIN950IN950andsxsr&rf=
3. Adulthood:
https://www.google.com/search?q=Adulthood&rlz=1C1JJTC_enIN950IN950andsxsr&f=

Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods::

Maximum Marks: 75

Continuous Comprehensive Evaluation(CCE): 15

University Exam (UE): 60

Internal Assessment :

Continuous Comprehensive
Evaluation (CCE)

Class Test
Assignment/Presentation

Two Test each of 15
Assignment Marks: 15
(Mean of Two Tests + Assignment
Divided by 2)

	<ol style="list-style-type: none"> 1. A few suggestions are given under each category as guideline students be encouraged to explore experiment with each media and understand the characteristics of each medium. Samples of each are included in the resource file which each student is expected to maintain along with description of values materials and technique used. 2. Difficulty level of each activity be considered and decide its suitability for different age groups: <ol style="list-style-type: none"> 1. Painting and graphics 2. Prepare a variety of brushes from different types of brooms, cotton, wool, strips of cloth, feather etc 3. Tearing cutting and pasting Workshop: <ol style="list-style-type: none"> 1. 3-5 years Tearing with all fingers, tearing with thumb and two fingers as used in holding pencil, tearing on straight line and curved line. 2. 6-8 years Tearing circular rings starting from one corner of the page till centre of page, Making designs. 3. 3-5 cutting and pasting Cutting and design, pasting, piece of paper, cloth, stick sleeves collage, mosaic Printing 4. Printing Workshop: <ol style="list-style-type: none"> 1. Printing with strings, leaf, vegetable blocks, stencil printing, thumb, finger, spray painting. 2. Keeping coins, leaves with veins below paper and gently coloring with crayon.
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Part C: Learning Resources

Text Books, Reference Books, Other Resources

Suggested Readings:

1. Human Development: Vrinda Singh, Hindi edition, Panchsheel Prakashan Publication.
2. Textbook of Human Development: K.Sudha Rani, 2nd edition, S Chand and Company Publication.
3. Child Development: Nandita Babu, 8th edition, Pearson Education Publication.
4. Life Span Development: John W. Santrock, 17th edition, Mc Graw hill Publication.
5. Childhood to Adolescence: Seema Sahay, 1st edition, Pearson Education Publication.
6. Child Development: Laura E. Berk, 9th edition, Pearson Education Publication.
7. Human Development: Daine E. Papalia, 9th edition, Mc Graw hill Publication.

E:learning Resources:

1. Toddlerhood:

https://www.google.com/search?q=Toddlerhood&rlz=1C1JJTC_enIN950IN950andsxsrf

Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 25

Continuous Comprehensive Evaluation(CCE): Not Applicable

University Exam (UE): 25

Internal Assessment :

Class Test

Not Applicable

Continuous Comprehensive

Assignment/Presentation

Evaluation (CCE)



Part A: Introduction

Program: Diploma Course		Class: B.Sc. Home Science II Year	Year: 2024	Session: 2024-2025
1	Course Code	HSC-12T		
2	Course Title	Consumer Economics		
3	Course Type	Theory		
4	Pre-requisite (if any)	NO		
5	Course Learning Outcomes (CLO)	At the end of this course, the students will be enable to: <ul style="list-style-type: none"> • To understand importance of consumers. • To understand types of income, saving and investment. • To understand market and consumer behavior. • To understand Consumer Protection mechanism in India. • To understand Consumer Decision making. 		
6	Credit Value	Theory: 4		
7	Total Marks	Max. Marks: 60+15	Min Passing Marks : 25	

Part B: Content of the Course

Total Periods: 60

Unit	Topics	NO. of Periods
I	Definition of consumer: Consumer rights and responsibility, Consumer buying habits convenience goods.	12
II	Personal income: Types of income—real, money, psychic, national income, disposable income, Saving and investment, Sources of investment.	12
III	Consumer in the market: Market-Definition, types of market, functions, channels of distribution, Buying motives – Primary, selective, rational, emotional and for teenagers. Types of Products, Advertisement, Sales, Promotion packing, Consumer Buying Problems, Faculty weights and measure, Pricing, Legal—guarantee and warrantee contracts, installment buying.	12
IV	Consumer Protection services: Organizations, Legislation—import laws for consumer protection, Consumer protective services, Indian Standard Institution, Educational Institution, Consumer Co-operatives, Government Agencies Municipality.	12
V	Consumer Decision making: Factors effecting consumer decision in the market, Consumer aides for decision making.	12

Keywords:: Definition of consumer, Personal income, Consumer in the market, Consumer Protection services, Consumer Decision making.

Part C: Learning Resources

Text Books, Reference Books, Other Resources

Suggested Readings:

1. Consumer Protection and Business Ethics: Saroj Hiremath, 2nd edition, Nirali Publication.
2. Consumer Economics: Garima Tripathi, 1st edition, Shri ViNOD pustak Mandir Publication.
3. Consumer affairs: Khanna S.R. 3rd edition, Universities Press India Publication.
4. Consumer Behaviour: Situn Krushna Sahu, 1st edition. Notion Press publication.
5. Consumer Protection Rights in India: Sushil Kumar Sen, 3rd edition, Bookwell publication.
6. Trade Practices and Consumerism: Sherlekar, 9th edition, Himalaya Publishing House.
7. The Economics of Consumption: Cochrane, 11th edition, Mc Graw hill Publication.

E:learning Resources:

1. Consumer in the market:
<https://www.google.com/search?q=Consumer+in+the+market&rlz=1C1JJTC>
2. Definition of consumer:
https://www.google.com/search?q=Definition+of+consumer&rlz=1C1JJTC_enIN950IN950andsxsrf=
3. Consumer Protection services:
https://www.google.com/search?q=Consumer+Protection+services&rlz=1C1JJTC_

Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods::

Maximum Marks: 75

Continuous Comprehensive Evaluation(CCE): 15

University Exam (UE): 60

Internal Assessment: Continuous Comprehensive Evaluation (CCE)	Class Test Assignment/Presentation	Two Test each of 15 Assignment Marks: 15 (Mean of Two Tests + Assignment Divided by 2)
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Part A: Introduction

Program: Diploma Course	Class: B.Sc. Home Science	Year: 2024	Session: 2024-2025
1 Course Code	HSC-12P		
2 Course Title	LAB12: Consumer Economics		
3 Course Type	Practical		
4 Pre-requisite (if any)	Theoretical Knowledge of consumer behavior and protection		
5 Course Learning Outcomes (CLO)	At the end of this course, the students will be enable to: <ul style="list-style-type: none">• To understand importance of consumers.• To understand types of income, saving and investment.• To understand market and consumer behavior.• To understand Consumer Protection mechanism in India.• To understand Consumer Decision making process.		
6 Credit Value	Practical: 2		
7 Total Marks	Max. Marks: 25	Min Passing Marks : 09	

Part B: Content of the Course

Total NO. of Periods : 15

Tentative Practical List Note: This is tentative list; the teachers concern can add more Experiment as per requirement .

1. Test for adulteration
2. Filling of different types of form to protect consumer3:Filling of form of investment services
3. Activity of educate consumer
4. Collection of samples of different symbols for helping consumer buying
5. **Project** –Report preparation in any relevant area.

Part C: Learning Resources

Text Books. Reference Books, Other Resources

Suggested Readings:

1. Consumer Protection and Business Ethics: Saroj Hiremath, 2nd edition, Nirali Publication.
2. Consumer Economics: Garima Tripathi, 1st edition, Shri ViNOd pustak Mandir Publication.
3. Consumer affairs: Khanna S.R, 3rd edition, Universities Press India Publication.
4. Consumer Behaviour: Situn Krushna Sahu, 1st edition, Notion Press publication.
5. Consumer Protection Rights in India: Sushil Kumar Sen, 3rd edition, Bookwell publication.
6. Trade Practices and Consumerism: Sherlekar, 9th edition, Himalaya Publishing House.
7. The Economics of Consumption: Cochrane, 11th edition, Me Graw hill Publication.

E:learning Resources:

1. Test for adulteration:

<https://www.google.com/search?q=1.%09Test+for+adulterationandrlz=1C1JJTC>

Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods::

Maximum Marks: 25

Continuous Comprehensive Evaluation(CCE): Not Applicable

University Exam (UE): 25

Internal Assessment :

Continuous Comprehensive
Evaluation (CCE)

Class Test
Assignment/Presentation

Not Applicable