



# हेमचंद यादव विश्वविद्यालय, दुर्ग (छ.ग.)

(पूर्व नाम- दुर्ग विश्वविद्यालय, दुर्ग)

रायपुर नाका दुर्ग (छ.ग.)-491001

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दूरभाष : 0788-2359400

क्र. 2960/A / अका. / 2020

दुर्ग, दिनांक 10/9/2020

प्रति,

प्राचार्य,  
समस्त संबद्ध महाविद्यालय,  
हेमचंद यादव विश्वविद्यालय,  
दुर्ग (छ.ग.)

विषय:- स्नातक स्तर भाग-दो के पाठ्यक्रम विषयक।

संदर्भ:- संयुक्त संचालक, उच्च शिक्षा विभाग के पत्र क्र. 2456/315/आउशि/सम/2019, दिनांक 16.05.2019।

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विषयांतर्गत लेख है कि संदर्भित पत्र के माध्यम से प्राप्त स्नातक स्तर भाग-दो के निम्नलिखित कक्षा/विषयों के परिवर्तित/संशोधित पाठ्यक्रम शिक्षा सत्र 2020-21 से लागू किये जाते हैं:-

1. बी.ए. - आधार पाठ्यक्रम-हिन्दी भाषा, हिन्दी साहित्य, राजनीतिशास्त्र, अर्थशास्त्र, नृत्य, दर्शनशास्त्र, समाजशास्त्र, इतिहास, मानवविज्ञान, संस्कृत, सांख्यिकी प्राचीन भारतीय इतिहास, भूगोल, मनोविज्ञान
2. बी.एस-सी.- आधार पाठ्यक्रम-हिन्दी भाषा, जीव विज्ञान, मानवविज्ञान, बायोटेक्नोलॉजी, कम्प्यूटर साईंस, गणित, भौतिक शास्त्र, प्राणीशास्त्र, सूक्ष्मजीव विज्ञान, वनस्पतिशास्त्र, भूविज्ञान, इलेक्ट्रॉनिक्स, रसायन शास्त्र, सांख्यिकी, भूगोल।
3. बी.ए./बी.एस.सी (गृह विज्ञान) - आधार पाठ्यक्रम - हिन्दी भाषा एवं गृह विज्ञान।

उपरोक्त विषयों को शिक्षा सत्र 2020-21 से संशोधित रूप में स्नातक स्तर भाग-दो के लिए लागू किया जाता है स्नातक स्तर भाग-एक हेतु सत्र 2019-20 में लागू पाठ्यक्रम मान्य होंगे एवं भाग - तीन के पाठ्यक्रम यथावत रहेंगे।

टीप:- परिवर्तित/संशोधित पाठ्यक्रम विश्वविद्यालय के परीक्षा विभाग एवं वेबसाइट पर प्रकाशित करने हेतु वेबसाइट प्रभारी को उपलब्ध करा दी गई है।

कुलसचिव

क्र. 2961/A / अका. / 2020

दुर्ग, दिनांक 10/9/2020

प्रतिलिपि:-

1. संयुक्त संचालक, उच्च शिक्षा विभाग के पत्र क्र. 2456/315/आउशि/सम/2019, दिनांक 16.05.2019 परिपेक्ष्य में सूचनार्थ।
2. उपकुलसचिव, परीक्षा विभाग एवं उपकुलसचिव, गोपनीय विभाग हेमचंद यादव विश्वविद्यालय, दुर्ग।
3. कुलपति के निज सहायक एवं कुलसचिव के निज सहायक, हेमचंद यादव विश्वविद्यालय, दुर्ग।

सहा. कुलसचिव (अका.)

# Hemchand Yadav Vishwavidyalaya, Durg (C.G.)

B.Sc. (Home Science) PART- II

Session 2019-20

## MARKING SCHEME

S.No.	Paper No.	Subject	Theory M. Mark	Practical M. Mark	Total	Theory M. Mark	Practical M. Mark
Group I	(A)	<b>Foundation Course</b>	75				
	(B)	Hindi Language-I English Language-II	75		75 75	26 26	
Group II	(A)	Clinical Nutrition & Dietetics	50	25	75	33	09
	(B)	Textiles and Fiber Science	50	25	75		09
Group III	(A)	Human Physiology & Community Nutrition	50	25	75	33	09
	(B)	Communication Process	50	25	75		09
Group IV	(A)	Life Span Development	50	25	75	33	09
	(B)	Consumer Economics	50	25	75		09

## DISTRIBUTION OF MARKS IN VARIOUS PRACTICALS

No.	Name of the Practical	Total Marks	Distribution			Marks
			Session	Viva	Practical	
Group – II A	Clinical Nutrition & Dietetics	25	05	05	Planning	08
					Cooking + Presentation	07
Group – II B	Textiles and Fiber Science	25	05	05	Stain Removal	05
					Tie & Dye	05
					Printing	05
Group – III A	Human Physiology & Community Nutrition	25	05	05	Spotting	10
					Blood Practicals	05
Group – III B	Communication Process	25	05	05	Preparation of Audio Visual Aids - 2	15
Group – IV A	Life Span Development	25	05	05	Practical	15
Group – IV B	Consumer Economics	25	05	05	Practical	15

RS  
13.6.19

Rugh  
13/6/19

ASE/sgal 13.06.19

संशोधित पाठ्यक्रम  
बी.ए./बी.एस-सी./बी.कॉम./बी.एच.एस.-सी.  
भाग - दो, आधार पाठ्यक्रम  
प्रश्न पत्र - प्रथम (हिन्दी भाषा) (पेपर कोड - 0171)

पूर्णांक- 75

खण्ड - क निम्नलिखित 5 लेखकों के पाठ शामिल होंगे - अंक-35

1. महात्मा गांधी - चोरी और प्रायश्चित
2. आचार्य नरेंद्र देव - युवकों का समाज में स्थान
3. वासुदेव शरण अग्रवाल - मातृभूमि
4. हरि ठाकुर - डॉ. खूबचंद बघेल
5. पं. माधवराव सप्रे - सम्भाषण-कुशलता

खण्ड-ख हिन्दी भाषा और उसके विविध रूप अंक-16

1. कार्यालयीन भाषा
2. मीडिया की भाषा
3. वित्त एवं वाणिज्य की भाषा
4. मशीनी भाषा

खण्ड-ग हिन्दी की व्याकरणिक कोटियाँ अंक-24

संज्ञा, सर्वनाम, विशेषण, क्रिया विशेषण,  
समास, संधि एवं संक्षिप्तियाँ  
अनुवाद व्यवहार : अंग्रेजी से हिन्दी में अनुवाद

इकाई विभाजन-

- इकाई- 1 चोरी और प्रायश्चित : महात्मा गांधी / कार्यालयीन भाषा, मीडिया की भाषा  
इकाई- 2 युवकों का समाज में स्थान : आचार्य नरेंद्र देव / वित्त एवं वाणिज्य की भाषा, मशीनी भाषा  
इकाई- 3 मातृभूमि: वासुदेवशरण अग्रवाल / संज्ञा सर्वनाम, विशेषण, क्रिया विशेषण  
इकाई- 4 डॉ. खूबचंद बघेल : हरि ठाकुर/समास, संधि,  
इकाई- 5 सम्भाषण-कुशलता : पं. माधवराव सप्रे, / अनुवाद - अंग्रेजी से हिन्दी में अनुवाद, संक्षिप्तियाँ

मूल्यांकन योजना -

प्रत्येक इकाई से एक-एक प्रश्न पूछे जाएंगे। प्रत्येक प्रश्न में आंतरिक विकल्प होगा। प्रत्येक प्रश्न के 15 अंक होंगे। प्रत्येक इकाई को दो-दो खण्डों (क्रमशः 'क' और 'ख' में) विभक्त करते हुए निर्धारित पाठ से 8 एवं शेष पाठ्य सामग्री से 7 अंक के प्रश्न होंगे। इस प्रकार पूरे प्रश्न-पत्र के पूर्णांक 75 होंगे।

**पाठ्यक्रम संशोधन का औचित्य :** विद्यार्थी चर्चित एवं सुप्रसिद्ध व्यक्तियों के लेख के माध्यम से समाज एवं राष्ट्रहित के साथ-साथ व्यक्तित्व विकास विषयक मुद्दों से परिचित हो सके तथा व्याकरणक एवं भाषा विषयक प्रस्तावित पाठ्यक्रम के माध्यम से हिन्दी भाषा संबंधित प्रयोग पक्ष से परिचित होते हुए प्रतियोगी परीक्षाओं की दृष्टि से ज्ञानार्जन कर सके।

ENGLISH LANGUAGE (Paper Code-1132)

B.A. / B.Sc. /B.COM. /B.H. Sc. - II

M.M.75

The question paper for B.A. /B.Sc./B.Com./B.H.Sc., English Language and cultural values shall comprise the following units:

UNIT-I Short answer questions to be passed by (Five short answer questions of three marks each)	15 Marks
UNIT-II (a) Reading comprehension of an unseen passage (b) Vocabulary	05 Marks
UNIT-III Report-Writing	10 Marks
UNIT-IV Expansion of an idea	10 Marks
UNIT-V Grammar and Vocabulary based on the prescribed text book.	20+15Marks

Note: Question on all the units shall asked from the prescribed text which will Comprise Specimens of popular creative/writing and the following it any

- a Matter & technology
  - i. State of matter and its structure
  - ii. Technology (Electronics Communication, Space Science)
- b Our Scientists & Institutions
  - I. Life & work of our eminent scientist Arya Bhatt. Kaurd Charak Shusruta, Nagarjuna, J.C. Bose and C.V. Raman, S. Rmanujam, Homi J. Babha Birbal Sahani.
  - II. Indian Scientific Institutions (Ancient & Modern)

Books Prescribed:

Foundation English for U.G. Second Year - Published by M.P. Hindi Granth Academy, Bhopal.



# Hemchand Yadav Vishwavidyalaya, Durg (C.G.)

B.Sc. (Home Science) PART- II

Session 2019-20

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					Printing	05
Group – III A	Human Physiology & Community Nutrition	25	05	05	Spotting Blood Practicals	10 05
Group – III B	Communication Process	25	05	05	Preparation of Audio Visual Aids - 2	15
Group – IV A	Life Span Development	25	05	05	Practical	15
Group – IV B	Consumer Economics	25	05	05	Practical	15

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**B.Sc. (HOME-SCIENCE) PART II**  
**Session 2019-20**  
**Group –II**  
**Paper - A**  
**CLINICAL NUTRITION & DIETETICS**

M. Marks: 50

**Focus :** The course encompasses the various stages of the life cycle and how nutrition is critical at various stages. It briefly familiarizes students with the role of nutrition in common Ailments.

**Objectives:** This course will enable students to -

1. Understand the concept of an adequate diet and the importance of meal planning.
2. Know the factors affecting the nutrient needs during the life cycle and the RDA-for various age groups.
3. Gain knowledge about dietary management in common ailments.

**THEORY**

**UNIT-I Definition of Health & Nutrition**

Dimensions of Health (Physical, Psychological, emotional & Spiritual)

**Energy Requirements - Factors affecting energy requirements-BMR,**  
Activity, age, climate, diet - induced thermogenesis (SDA physiological conditions).

**Concept of nutritionally adequate diet and meal planning**

- (a) Importance of meal planning
- (b) Factors affecting meal planning-Nutritional, Socio-cultural, Religious, Geographic, Economic Availability of time.

**UNIT-II**

**Nutrition through the life cycle –**

(At different activity and Social economic levels) requirements, nutritional problems, food selection.

- (a) Adulthood
- (b) Pregnancy
- (c) Lactation
- (d) Infancy
- (e) Pre-School . -
- (f) Adolescence
- (g) Old age

**UNIT-III Principles of diet therapy**

- (A) Modification of normal diet for therapeutic purposes, full diet, soft diet, Fluid diet, Bland diet.
- (B) Energy modification and Nutrition for weight management- Identifying the overweight and obese, etiological factors contributing to Obesity. Prevention & treatment, low energy diets.
- (C) Under weight - etiology and assessment.
- (D) High energy diet, Diet for febrile (fever) conditions & surgical condition.  
Nutritional Anemia
- (E) Fevers – Typhoid

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## UNIT-IV

Etiology, Symptoms & diet management of the following -Diarrhoea, Constipation, Peptic ulcer, Jaundice, Viral Hepatitis, Cirrhosis, musculoskeletal disease, Arthritis, Gout.

## UNIT-V

### **Diet in disease of the endocrine –**

Pancreas - Diabetes mellitus - classification, symptoms, diagnosis, Dietary care & Nutritional, management of diabetes mellitus. Insulin therapy, Oral Hypoglycemic agents, special dietetic food, sweeteners & sugar substitutes, Diabetic coma, Juvenile Diabetes.

### **Diseases of the Cardio Vascular system –**

Atherosclerosis Etiology & Risk Factors.

Hypertension - Etiology, prevalence Nutritional management & prevention.

Renal diseases - Etiology, characteristic, Symptoms & Dietary management of Glomerulonephritis- Acute & Chronic

## REFERENCES:

1. Krause, M.V. and Mohan, L.K. 1986 : Food, Nutrition and Diet Therapy, Alan R. Liss, Saunders Co., London.
2. Passmore, R. and Davidson, S. 1986 : Human Nutrition and Dietetics, Livingstone Publishers.
3. Robinson, OH., Laer, M.R. Chenoweth, W.L. Ganwick, A.E. 1986 : Normal and Therapeutic Nutrition, MacMillan publishing Company, New York.
4. Williams, S.R. 1989 : Nutrition and Diet Therapy, 4th Ed., C.V. Mosby Co.
5. Shils, M.E. Olson, J. A. Shike, M. Eds. 1994 : Modern Nutrition in Health and Disease, 8th edn., Lea and Febiger a Waverly Company.

## Group-II, Practical-A

### 1. **Planning- Preparation of Normal and Therapeutic diet in relation to special and nutrient requirements (Any 15)**

- 1 Adult
- 2 Pregnancy
- 3 Lactation
- 4 Constipation
- 5 Diarrhoea
- 6 Obesity
- 7 Underweight
- 8 Peptic Ulcer
- 9 Jaundice
- 10 Viral Hepatitis
- 11 Cirrhosis
- 12 Acute glomerulonephritis
- 13 Chronic glomerulonephritis
- 14 Diabetes mellitus (**using food exchange list**)
  - (i) With Insulin
  - (ii) Without insulin
- 15 Hypertension (Atherosclerosis)
- 16 Anemia

### 2. **Standardization of recipes**

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**B.Sc. (HOME-SCIENCE) PART II**  
**Session 2019-20**  
**Group –II**  
**Paper - B**  
**TEXTILE AND FIBRE SCIENCE**

**M. Marks : 50**

**THEORY**

**Unit – I**

1. Principles of laundry and its methods
2. Equipment for washing :
  - Washing equipment
  - Drying equipment
  - Finishing equipment
  - Storage equipment
3. Cleaning materials and Detergents :
  - Soap and detergent
  - Other cleaning agents
4. Water : Composition, Classification, Hardness of water, Methods of removal of hardness

**Unit – II**

1. Useful suggestions for laundering
2. Washing of different kinds of fabrics : Cotton ,wool ,silk & synthetic
3. Bleach agents and other reagents used in laundry
4. Starch : types and uses
5. Blue : types and uses

**Unit – III**

1. Dry Cleaning
2. Stain removal : classification and technique of stain removal
3. Disinfection of clothes
4. Care and Storage of fabrics
5. Consumer problems and protections

**Unit – IV**

1. Equipment and supplies used in clothing construction :
  - Measuring equipment
  - Cutting equipment
  - Stitching equipment
  - Finishing equipment
2. Sewing machine: its parts & function, maintenance of machine, problems faced and remedies.
3. Selection of fabric for dress according to Climate, Age, Occupation, Personality, Occasion, Figure Type, Fashion etc.
4. Wardrobe Planning

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## Unit – V

1. Tailoring
  - General Principles of clothing construction
  - Taking body measurement for different type of garments
  - Interrelationship Of Needles, Thread, Stitch Length, & Fabric
  - Cloth Estimation For Different Garments
  - Drafting & Draping
2. Pattern Making
  - General Instructions For Pattern Making
  - Method
  - Types & Layout
3. Fitting
  - Fundamentals Of Fitting
  - Problems Area In Fitting
  - Factors Affecting Good Fit

### Group-II, Practical-B

Printing - Block, screen, tie & dye, stencil printing. -.

1. Stain Removal
2. Laundering of cotton, rayon silk wool & synthetics etc.
3. Bleaching & whitening
4. Starching
5. Care of household linen
6. Simple dyeing of different fabric.
7. Tie and Dye techniques
8. Batik
9. Finishing of fabric before dyeing & printing, Scoring, bleaching, Desizing.

### REFERENCES:

Course: Introduction to Fashion Illustration

1. Tate, S.L., Edwards, M.S. 1987 : The complete Book of Fashion Illustration, New York, Harper & Row Publications, 2nd Edn.
2. Allen, Anne & Seaman, Julian : Fashion drawing : basic principles, B.T. Batsford, London, 1993, 108p.
3. Barnes Colin : Fashion Illustration, Macdonald, 1988.
4. Chowdhry, Sonia : A Unique phenomenon : understanding the dynamics of fashion, Clothesline 11 (11) Nov. 1998 p. 75-77
5. Ewing, Elizabeth : History of twentieth century fashion, Elizabeth Ewing, London, 1974, XI, 300P.
6. Ireland John Patrick 1976 : Drawing and Designing Men's Wear, London B.T. Brandford Ltd.

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**B.Sc. (HOME -SCIENCE) PART –II**  
**Session 2019-20**  
**Group –III**  
**Paper - A**  
**HUMAN PHYSIOLOGY & COMMUNITY NUTRITION**

**M. Marks: 50**

**THEORY**

**Unit – I**

An introduction of Physiology and Anatomy

1. Cell – Structure and functions of human cell.
2. Tissues – Classification and structure
3. Cardiovascular System –
  - a. Blood – Composition & Functions
  - b. Heart – Structure and Functions
  - c. Vessles – Structure and Functions of Artery, Veins and Capillaries.

**Unit – II**

Gastrointestinal System :

1. Structure and Functions of various organs of the gastrointestinal tract.
2. Digestion and absorption of food.

Nervous System :

- (a) Elementary Anatomy of Nervous System
- (b) Functions of different part of the brain and spinal cord.
- (c) Autonomic, sympathetic & parasympathetic nervous system.

**Unit – III**

Excretory System :

1. Structure and functions of kidney, bladder, formation of urine.
2. Structure and functions of skin.
3. Regulation of temperature of the body.

Respiratory System:

1. Structure of Lungs.
2. Mechanism of respiration and its regulation.
3. Transportation of Gases

Special Sense Organs:

1. Structure and functions of eye, Ear, Nose, Skin & tongue.

**Unit – IV**

Musculo Skeletal System

1. Types of Muscles and its functions.
2. Skeletal System – Types of Bones.

Reproductive System –

Structure and functions of male & female reproductive organs.

**Unit – V**

Concept and Scope of Community Nutrition:

1. Nutritional problems of the community & implications for public health.  
Common Problems in India – Causes (Nutritional and Non Nutritional Problems)  
Incidence of Nutritional problems, signs, symptoms & Treatment.  
Protein-Energy Malnutrition (PEM)
2. Prophylaxis Programmes to Combat Nutritional Problems in India.
3. Food borne disease-
  - Food Poisoning
  - Food Infections

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## REFERENCES:

1. Guyton, A.C. Hall, J.E. 1996, Text book of Medical Physiology, 9th Ed. Prism Books (Pvt.) Ltd., Bangalore.
2. Winwood 1988 : Sear's Anatomy and Physiology for nurses, London, Edward Arnold.
3. Wilson 1989 : Anatomy and Physiology in Health and Illness, Edinburgh, Churchill Livingstone.
4. Chatterjee Chandi Charan 1988 : Text book of Medical physiology, London, W.B.
5. Saunder's Co. Verma, V. 1986 : A text book of Practical Botany, Vc;. I to IV, Rastogy Publication.
6. Anderson, D.B. and Mayer, B.S. 1970 : Plant physiology, Van Nostrand Reinhold Company', East West Press Edition.
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8. Dhama, P.S. 1987 : A text book of Zoology, S. Nagin & Company, Julundhar.
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### Group-III, Practical-A

1. Recording pulse rate.
2. Measurement of Blood Pressure.
3. Preparation of temperature chart.
4. Study of Histological slides of different organs.
5. Visit to one Anaganwadi centre and record the activities conducted by Anaganwadi.
6. Testing of adulterants in common foods (any five).
7. Making report of midday meal programme running at nearby school.

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**B.Sc. (HOME-SCIENCE) PART- II**

**Session 2019-20**

**Group –III**

**Paper - B**

**COMMUNICATION PROCESS**

M. Marks: 50

**Focus:**

The course focuses on the process of communication, especially in development work in rural and urban areas.

**Objectives:** To enable students to –

1. Understand the process .of communication in development work ;
2. Develop skills in the use of methods and media ; and
3. Be sensitive to the interests and needs of the people and the power of the media and methods.in catering to these needs and interests.

**THEORY**

**UNIT-I** Concept of development communication

- Meaning and importance of communication in development
- The purpose of communication
- Existing patterns of communication
- Factors that help or hinder communication

**UNIT-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
- Basis for effective, interactive communication.
- Attitude of 'respect for others

**UNIT-III** Methods of communication in Development Methods to reach individuals

- Personal conference
- Interviews
- House visits
- Exhibits
- Methods to reach small groups
- Illustrated lecture
- Group discussions
- Co-operation

**UNIT-IV** Role Plays

- Demonstrations
- Workshop
- Camps
- Radio announcements/programs
- Newspaper stories
- Posters
- Videos, films
- Television programmes
- Letters, folders or pamphlets
- Public meetings

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- UNIT-V** Media for development communication
- Folk media Songs Stories Street-theatre
  - Games Arts
  - Puppet play Print media
  - Posters Pamphlets, leaflets
  - Newspapers - articles, stories
  - Periodicals - articles, stories, songs
  - Books
  - Cartoons
  - Audio/Visuals, Audio-Visual Media
  - Audio-tapes, radio broadcasts
  - Slides, pictures, drawings, photographs etc.
  - Videos, telecasts
  - Films-documentary, feature

**Group-III, Practical-B**

**(ANY SIX)**

1. Organising group discussion.
2. Organising group demonstration.
3. Preparation & Presentation of Audio visual aids, i.e. Posters, Charts, Cartoons, Models  
Puppets.
4. Problem/need identification "of a community.
5. Planning an educational programme.
6. Evaluation of the effectiveness of methods and media.
7. Visit to Radio Station/T.V. Centre/Printing Press.
8. Preparation of Drama based on Social Development

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# B.Sc. (HOME-SCIENCE) PART- II

Session 2019-20

Group –IV

Paper - A

## LIFE SPAN DEVELOPMENT

M. Marks: 50

### Focus :

This course covers the entire life span and traces the various developmental stages. Its encompasses in scope development in utero, infancy up to senescence identifying critical concerns in Socio-cultural perspectives.

To develop understanding of various methods and materials, which can be used-while working with children. The emphasis is on promoting creativity and use of different materials to allow for optimum development.

**Objectives :** To become acquainted with developmental stages from birth to old age.

1. To develop awareness of important aspects of development during the whole life span.
2. To know the requirement of infants and Toddlers and develop skills to create play materials and designing learning experiences.
3. To understand the significance of various creative activities and teachers role in implementing them.

**Note :** For each of the following stages of development, the-influence and inter-actions of sociocultural and environmental factors needs to be discussed.

## THEORY

### UNIT-I

1. Life Span development and need to study development through the life cycle. Inter-relationship between the aspects of development.
2. Childhood period (2 to 12 years) - Definition, Characteristics and Developmental tasks. "Review (2-6 yrs to 6-12 yrs) of different developmental areas (Physical, motor, Social, emotional, intellectual).

### UNIT-II

Adolescence (13 to 18 years)

1. Definition, Developmental tasks.
2. Physical Development - Puberty, growth, spurts, Primary and Secondary sex characteristics, early and late maturing adolescents.
3. Identity - Definition, body image, positive and negative outcomes (Role confusion, ego-identity)
4. Heightened emotionality- Meaning, causes, expression, characteristics of emotional maturity, conflict with authority, coping up strategies.
5. Problems - Drug and alcohol abuse, psychological breakdown (Behaviour) STD and AIDS.

### UNIT-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.

1. Middle Adulthood (41 to 60' years), Definition, physical changes (senses, diseases- Transition Period.
2. Menopause- Health issues.
3. Stresses in middle age, coping with stress to family.

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4. Preparation for retirement.
5. Late Adulthood and Ageing – Definition.
6. Physiological changes, and health problems.
7. Retirement-effect of retirement on self, family, society, financial problems faced.
8. Recreational interest of the aged.
9. Issues- Old age homes, loneliness, living in joint family, prolonged illness. (Plan visit to old age homes.)

#### UNIT-IV

##### Infancy and Toddlerhood (Emotional Aspect)

1. Importance and ways of meeting child psychological needs to promote feeling of security, trust and acceptance.  
Activities according to developments for various age groups
  - (A) 0-6 months - Activities for simulating and sessions motor experiences with emphasis on seen, hearing, touching, feeling sensation and movements.
  - (B) 7 to 12 months - Integration of experiences involving more than one sense to deeper sensory motor experiences promotic manipulation, concept formation, communication and perceptual divtiminsyion.
  - (C) 13 to 24 months - Promotion of co-ordination and control of body movements, gross and fine motor skills. Strengthening concept formation, imagination and communication through language promotion of problem solving, environment to explore and satisfy curiosity and develop confidence.
  - (D) 25-36 months - Improvement in body movement and communication skills, social skills concept formation.

#### UNIT-V

##### Creativity

- Concept of creativity and highlights of the role of creative expressions in overall development of children.
- Creative expressions, Meaning and definition of creativity expressions.
- Role of teacher in planning and fostering creative expressions.
- Creative expressions.
- 

##### Art Activities

- Painting and graphics
  - (a) Painting with brush, drawing with crayons, chalk, rangoli on floor, finger painting. (Some special characteristics of this medium)
  - (b) Values, materials required, use of substitutes from indigenous materials.
  - (c) Teacher's role in conducting activities.
  - (d) Stages in child art.
- Tearing, cutting, pasting and collage, mural
  - (a) Values, materials requiried and Teacher's role in conducting activities.
  - (b) Development stages.
- Printing
  - (a) Types of printing i.e. block, vegetables, string, leaf, stencils, spray, crumpled paper, different textured surfaces.
  - (b) Values, materials required techniques.

##### BLOCKS :

- (a) Some special features of this medium.
- (b) Types of blocks : hollow large blocks, unit blocks and small blocks.
- (c) Stages in block play.
- (d) Values, materials and accessories for block play.
- (e) Teacher's role

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### Other materials

- Sand
  - (a) Characteristics of the medium.
  - (b) Values, materials required and teacher's role.
- Water.
  - (a) Characteristics of the medium.
  - (b) Values, materials required and teacher's role.

### Group-IV, Practical-A (ANY TEN)

#### 1. Infancy and Toddlerhood

1. A file to be prepared to list activities appropriate for age groups - 0-6 months, 7-12 months, 13 to 20 months and 25 to 36 months.
2. Students be encouraged to observe materials available in the locality, Different types of shops, tailor.
3. Develop play materials suitable for each age group.
4. List activities, which can be used for working with different age groups.
  - (a) 0 to 6 months.
5. Prepare materials and design activities for seeing, hearing touching and feeling.
6. Sensation and movement for soothing movements and exercises.
  - (b) 7 to 12 months.
7. Prepare materials and design activities for touching and feeling sensation and movement, and manipulation.
  - (c) 13 to 14 months.
8. Identify activities for gross motor development and prepare play materials available in the locality.
9. Prepare play materials and list activities promote manipulation sensory experiences, concepts and language.  
Art Activity
10. Visit to old age homes.

#### Art Activities

11. 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 be included in the resource file which each student is expected to maintain along with description of values materials and technique used.
12. Difficulty level of each activity be considered and decide its suitability for different age groups.
  - Painting and graphics
  - Prepare a variety of brushes from different types of brooms, cotton, wool, strips of cloth, feather etc

#### Tearing cutting and pasting

13. 3-5 years  
Tearing with all fingers, tearing with thumb and two fingers as used in holding pencil, tearing on straight line, curved line.
14. 6-8 years  
Tearing circular rings starting from one corner of the page till centre of page, Making designs.
15. 3-5 cutting and pasting  
Cutting a design, pasting, please of paper, cloth, sticks leaves collage, mosaic Printing

#### Printing

16. Printing with strings, leaf, vegetable blocks, stencil printing, thumb," finger, spray painting
17. Keeping coins, leaves with veins below paper and gently colouring with crayon.

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**B.Sc. (HOME-SCIENCE) PART- II**

**Session 2019-20**

**Group –IV**

**Paper - B**

**Consumer Economics**

M. Marks: 50

**THEORY**

- Unit – I** Consumer
- 1- Definition of consumer
  - 2- Consumer rights and responsibility
  - 3- Consumer buying habits convenience goods
  - 4- Factors affecting consumer decision
- Unit – II** Personal income
- (1) Types of income – real, money, psychic, national income, disposable income.
  - (2) Saving and investment
  - (3) Sources of investment
  - (4) Factors affecting savings
  - (5) Ways of selecting investment
- Unit – III** Consumer in the market
- (1) Market- Definition, types of market, functions, channels of distribution.
  - (2) Buying motives – Primary, selective, rational, emotional and totranages.  
Types of Products  
Advertisement, Sales, Promotion packing
  - (3) Consumer Buying Problems
    - (1) Adulteration- kinds and identification of adulteration.
    - (2) Faculty weights and measure
    - (3) Pricing
    - (4) Legal – guarantee and warrantee contracts, installment buying
  - (4) Buying process
- Unit – IV** Consumer Protection services
- (1) Organisations
  - (2) Legislation – import laws for consumer protection
  - (3) Consumer representation  
Consumer and consumers problems- choice and buying problems of consumer
  - (4) Consumer protective services
    - (1) Indian Standard Institution
    - (2) Educational Institution
    - (3) Consumer Co-operatives
    - (4) Government Agencies Municipality
- Unit – V**
- (1) Consumer Decision making
  - (2) Factors effecting consumer decision in the market
  - (3) Good buy man ship
  - (4) Consumer aides for decision making

**Group-IV, Practical- B**

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

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