



# 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. 3861 / अका. / 2021

दुर्ग, दिनांक 30/7/21

प्रति,

प्राचार्य,

समस्त संबद्ध महाविद्यालय,

हेमचंद यादव विश्वविद्यालय,

दुर्ग (छ.ग.)

विषय:- स्नातक स्तर भाग-तीन 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-तीन के निम्नलिखित कक्षा/विषयों के परिवर्तित/संशोधित पाठ्यक्रम शिक्षा सत्र 2021-22 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. — आधार पाठ्यक्रम — हिन्दी भाषा एवं गृह विज्ञान।  
(गृह विज्ञान)
4. बी.सी.ए. — भाग-3
5. बी.कॉम. — भाग-1, भाग-2 एवं भाग-3 का परिवर्तित पाठ्यक्रम सत्र 2019-20 में जारी कर लागू किया जा चुका है।

कृ.प.उ.

उपरोक्त विषयों को शिक्षा सत्र 2021-22 से संशोधित रूप में स्नातक स्तर भाग-तीन के लिए लागू किया जाता है स्नातक स्तर भाग-एक हेतु सत्र 2019-20 एवं स्नातक स्तर भाग-दो हेतु सत्र 2020-21 में लागू पाठ्यक्रम मान्य होंगे।

टीप:- परिवर्तित/संशोधित पाठ्यक्रम विश्वविद्यालय की वेबसाईट पर उपलब्ध है।

  
कुलसचिव

क्र. 3862 /अका./2021

दुर्ग, दिनांक 20/7/21

प्रतिलिपि:-

1. संयुक्त संचालक, उच्च शिक्षा विभाग के पत्र क्र. 2456/315/आउशि/सम/2019, दिनांक 16.05.2019 के परिपेक्ष्य में सूचनार्थ
2. उपकुलसचिव, परीक्षा विभाग एवं उपकुलसचिव, गोपनीय विभाग हेमचंद यादव विश्वविद्यालय, दुर्ग।
3. वेबसाईट प्रभारी, वेबसाईट पर पाठ्यक्रम प्रकाशित करने हेतु।
4. 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 III

Session 2021-22

### MARKING SCHEME

Group No.	Paper No.	Subject	Theory M. Mark	Practical M. Mark	Theory M. Mark	Practical M. Mark
I	(A)	<b>Foundation Course</b> Hindi Language	75		26	
	(B)	English Language	75		26	
II	(A)	Nutritional Biochemistry	50	25	33	09
	(B)	Food Preservation	50	25		09
III	(A)	Early Childhood Education	50	25	33	09
	(B)	Extension Education	50	25		09
IV	(A)	Foundation of Art and Design	50	25	33	09
	(B)	Apparel Making & Fashion Designing	50	25		09

### DISTRIBUTION OF MARKS IN VARIOUS PRACTICAL

S.No.	Name of the Practical	Total Mark	Distribution			
			Sessio nal.	Viva		Marks
1	Nutritional Biochemistry	25	5	5	Titration, Identification of CHO, Blood	10 05
2	Food Preservation	25	5	5	Preparation Presentation	10 05
3	Early Childhood Education	25	5	5	Preparation Teaching	05 10
4	Extension Education	25	5	5	Practical – (2)	15
5	Foundation of Art & Design	25	5	5	Practical – (2)	15
6	Apparel Making	25	5	-	Stitching or Designing	10

Dr. Alka Duggal

Dr. Bharti Lethi

Mrs. Mantra R. Deo

Dr. Rupam Ajeet Yadav

Dr. Anil Dwan

- इकाई-एक (क) भारत माता : सुमित्रानंदन पंत  
(ख) कथन की शैलियाँ  
1. विवरणात्मक शैली 2. मूल्यांकन शैली  
3. व्याख्यात्मक शैली 4. विचारात्मक शैली
- इकाई-दो (क) सूखी डाली : उपेन्द्रनाथ अशक  
(ख) विभिन्न संरचनाएँ  
1. विनम्रता सूचक संरचना 2. विधि सूचक संरचना  
3. निषेध परक संरचना 4. काल-बोधक संरचना  
5. स्थान-बोधक संरचना 6. दिशा बोधक संरचना  
7. कार्य-कारण सम्बन्ध संरचना 8. अनुक्रम संरचना
- इकाई-तीन (क) वसीयत : मालती जोशी  
(ख) कार्यालयीन पत्र और आलेख  
1. परिपत्र 2. आदेश  
3. अधिसूचना 4. ज्ञापन  
5. अनुस्मारक 6. पृष्ठांकन
- इकाई-चार (क) योग की शक्ति : हरिवंश राय बच्चन  
(ख) अनुवाद : स्वरूप एवं परिभाषा, उद्देश्य  
स्रोत भाषा और लक्ष्य भाषा,  
अच्छे अनुवाद की विशेषताएँ,  
अनुवाद प्रक्रिया, अनुवादक
- इकाई-पांच (क) संस्कृति और राष्ट्रीय एकीकरण : योगेश अटल  
(ख) घटनाओं, समारोहों आदि का प्रतिवेदन, विभिन्न प्रकार के निमंत्रण पत्र

मूल्यांकन योजना : प्रत्येक इकाई से एक-एक प्रश्न पूछा जाएगा। प्रत्येक प्रश्न में आंतरित विकल्प होगा। प्रत्येक प्रश्न के 15 अंक होंगे। इसलिए प्रत्येक प्रश्न के दो भाग 'क' और 'ख' होंगे एवं अंक क्रमशः 8 एवं 7 अंक होंगे। प्रश्नपत्र का पूर्णांक 75 निर्धारित है।

5/7/2021

डा. आशा तिवारी

5/7/2021

Aradhana Sharma

The question paper for B.A./B.Sc./B.Com./B.H.Sc. III Foundation course, English Language and General Answers shall comprise the following items :

Five question to be attempted, each carrying 3 marks.

UNIT-I Essay type answer in about 200 words. 5 essay type question to be asked three to be attempted.	15
UNIT-II Essay writing	10
UNIT-III Precise writing	10
UNIT-IV (a) Reading comprehension of an unseen passage	05
(b) Vocabulary based on text	10
UNIT-V Grammar Advanced Exercises	25

Note: Question on unit I and IV (b) shall be asked from the prescribed text. Which will comprise of popular create writing and the following items. Minimum needs housing and transport Geo-economic profile of M.P. communication Educate and culture. Women and Worm in Empowerment Development, management of change, physical quality of life. War and human survival, the question of human social value survival, the question of human social value, new Economic Philosophy Recent Diberaliation Method) Demoration decentralization (with reference to 73, 74 constitutional Amendment.

Books Prescribed:

Aspects of English Language and Development - Published by M.P. Hindi Granth Academy, Bhopal.

**B.Sc. (HOME-SCIENCE) PART- III**  
**Session 2021-22**  
**Group –II Paper - A**  
**NUTRITIONAL BIOCHEMISTRY**

M. Marks: 50

**THEORY**

**UNIT-I**

- (A) Introduction to Biochemistry - definition, objectives, scope and interrelationship between Biochemistry and other biological sciences.
- (B) Carbohydrates - Definition, classifications functions and properties of
- Monosaccharides - Glucose, Fructose, Galactose
  - Disaccharides - Maltose, Lactose, Sucrose
  - Polysaccharides - Dextrin, Starch, Glycogen
- Glycolysis, Gluconeogenesis, Glycogenesis  
Glycogenolysis, Citric acid Cycle.  
Blood sugar regulation.

**UNIT-II**

- (A) Lipids – Definition, composition, importance and classification  
Fatty acids - Functions, properties, classification of MUFA and PUFA.  
Significance of Acid value, Iodine value and saponification value.  
Chemistry and function of Phospholipids, Glycolipids and sterols.  
Metabolism - Beta Oxidation
- (B) Aspects of transport – Passive diffusion, Facilitated diffusion, Active transport

**UNIT-III**

- (A) Proteins - Definition composition function, and classification.  
Amino acids - Essential and Nonessential  
Metabolism - Urea cycle, Nitrogen balance, Amino acid pool
- (B) Enzymes - Definition, properties, classification, Mode of action of enzymes, factors affecting velocity of enzyme catalyzed reactions, coenzymes.

**UNIT- IV**

- (A) Harmones - Biological roles of harmones of Pituitary, Adrenal cortex and medull, Thyroid, Parathyroid, Pancreas, Sex glands.
- (B) Urine - Formation and Composition

**UNIT-V**

- (A) Blood – Blood composition & its Function, Blood Coagulation, Blood Groups  
(B) Nucleic Acid and Nucleoproteins – Chemistry, composition, structure, functions

**Practical**

**Nutritional biochemistry**

1. Identification of Glucose, Fructose, Maltose, Lactose, Sucrose, Starch.
2. Colour and precipitation reactions of Protein.
3. Estimation of Glucose by Benedict's method.
4. Estimation of Haemoglobin by acid haematin method.
5. Estimation of Glycine by Titration.
6. Estimation of ascorbic acid by idometric method.
7. Visit to pathological lab (**compulsory**) to study the
  - Method of collection of sample
  - Application of latest techniques
  - Processing of sample
  - Use of reference values of blood and urine

**B.Sc. (HOME-SCIENCE) PART –III**

**Session 2021-22**

**Group –II**

**Paper - B**

**FOOD PRESERVATION**

**M. Marks: 50**

**THEORY**

**UNIT- I**

Food and its preservation.  
Home and community level including commercial operations.  
Principles of food Preservation  
Causes of spoilage of food.

**Unit - II**

- Food Storage – Principles and Methods
  - Fresh Foods – Fruits & Vegetables
  - Dried Foods – Rice, Wheat & Pulses
- Canning of Foods**
- Definition and Principles of Canning
  - Nutritive value of Canned Foods

**UNIT-III**

**Pasteurization**

Effect on food quality.  
Storage of pasteurised food.

**Drying & Dehydration**

Methods used and effect on food quality. Types of driers. Storage and deterioration of dehydrated food products.

**UNIT-IV**

**Use of low temperature**

Refrigeration and freezing methods, principles and applications. Preparation of foods for freezing influence on food components and structure. Shelf life of frozen foods

**Pickling and Fermentation**

Pickles, chutneys, ketchups sauces. Fermentation - Types, products and method use  
Establishment of a small scale industry / cottage industry.

**UNIT-V**

Chemical Preservatives

Preparation of Fruit, Juices, Squashes, Fruit Syrups, Cordials, Jam Jelly.

**High Acid & High Sugar Products –**

Common defects, Preservation of crystallized and glazed fruits.

**Nutritional Implications of food processing**

Causes for loss of vitamins and minerals, Enrichment, Restoration and Fortification

Dr. Alka Duggal

Dr. Bharti Sethi

Mrs. Mamta R. Deo

Dr. Rupam Ajeet Yadav

Dr. Anil Dwan

## REFERENCES :

1. Oser, B.L. 1965 : 14 Ed. Hawk's Physiological chemistry, Mc Graw Hill Book Co.
2. William, S. : 16th Ed. JAOAC, Official methods of Analysis, Part I to XI, Manak Bhawan, New Delhi.
3. West E.S., Todd W.R., Mason, H.S. and Van Braggen J.T. 1974 : 4th Ed. Textbook of Biochemistry, Amerind Publishing Co. - Pvt. Ltd.
4. White A. Handlar, P. Smith E.L. Stelten, D.W. 1959 : 2nd Ed. Principles of Biochemistry, CBS Publishers and distributors.
5. Lehninger, A.L. Nelson, D.L. and cox, M.M. 1993 : 2nd Ed. Principles of Biochemistry, CBS Publishers and distributors.
6. Stryer, L. '1995 : Biochemistgry, Freeman WH and Co.
7. Devlin, T.M. 1986 : 2nd Ed. Textbook of Biochemistry with clinical Correlations John witey and sons.
8. Murray, R.K. Granner, D.K. Mayes, P.A. Nd Rodwell V.W. 1993 : 23rd Ed. Harper's Biochemistry, Large Medical Book.

## Practical

1. Preparation of Jam, Jellies marmalades.
2. Preparation of Pickles & chutneys.
3. Dehydration of Vegetables & Fruits.
4. Preparation of Papad, Badi, Chips
5. Preparation of synthetic syrups & squashes.
6. Survey of market products and packaging

Dr. Alka Duggal

Dr. Bharti Lathi

Mrs. Mamta R. Deo

Dr. Rupam Ajeet Yadav

Dr. Anil Dhanu



**B.Sc. (HOME-SCIENCE) PART- III**  
**Session 2021-22**  
**Group –III**  
**Paper - A**  
**EARLY CHILDHOOD EDUCATION**

M. Marks: 50

**FOCUS-**

The course focuses on need to provide various early childhood care and educational facilities through different programmes, for early childhood education. Types and present status of ECCE programmes are covered in this course. The recent policies affecting young children are also included.

The course introduces students to the concept of curriculum for all round development of children. The main emphasis is on various components of curriculum to be included in daily program through medium of play. Method of learning by doing which forms the basis for understanding and knowledge is extended to the first two years of primary school.

**OBJECTIVES:-**

1. To know importance of early childhood care and significance of intervention programmes for early child development.
2. To understand major theoretical approaches and implication for early child development.
3. To become acquainted with current policies and programs in ECCE.
4. To meaning of curriculum and various components to be included in the daily programmes to promote all round development of children.
5. To recognize role of play in children's development.
6. To understand goals, principles, factors and approaches used in programme planning.
7. To recognize the advantages of project method and learn to use integrated approach in the development of daily programme.

**THEORY**

**UNIT-I**

Significance and objectives of early childhood care and education.

1. Significance of early childhood years in individual's development.
2. Meaning and need for intervention programmes for better growth and development.
3. Objectives of ECCE.
4. Different types of programs currently offered. Objectives of the program routine and target group covered by each of the following. ECE programme - Balwadi, anganwadi, Nursery school, Kindergarten, Montessori, laboratory nursery school ECCE Program - ICDS and mobile crech. Play group: day care.

**UNIT-II**

Current Status and Expansion of Scope of ECE to ECCE

- Expansion from ECE to ECCE.
- Current Status of ECCE programme.
- Admission tests and effects on children.
- Effects of pressures on young children due to formal education.
- Need for ECCE programmes to provide quality care where mothers are at work.
- Global perspective - views of educationists - Froebel, Mac Millan sister, Deweu and Montessori,
- ECE in India : Overview of pre.and post independence period.
- Contributions of Ravindranath Tagore, Mohandas Gandhi, Gijubhai Bodheka, Tarabai Modak, Anutai Wagh.

Recent Developments : Policies, Institutions and contributions of NGOs

- National policy on children.
- National policy on education 1986.
- Role of Indian Association of Preschool Education, National Institute of Public Cooperation and Child Development, National Council for Educational Research and Training, SCERT and NGOs.

### UNIT-III

- Meaning of curriculum, Foundation of curriculum development.
  - Impact of play as means of development and learning.
  - Developmental stages of play.
  - Types of Play - Solitary play, parallel play, associative play and cooperatives play.
  - Functions of play - play as a means of assessing children's development.
  - Teachers Role in creating environment and Promoting play.
  - Classical theories of play - Surplus energy theory relaxation theory, Pre-exercise & recapitulation theory.
- Programme Planning**
- Approaches to learning: Incidental and planned learning.
  - Principles of programme planning :
    - from known to unknown, simple to complex, concrete to abstract.
  - Balance between individual and group activity, indoor and outdoor play, quiet and active plays, guided and free activities.
  - Factors influencing programme planning.
  - Formal versus non-formal approach in education : advantages and disadvantages.

### UNIT-IV Languages

- Goals of language teaching.
- Readiness for reading and writing. Meaning of readiness.
- Factor to be considered for readiness : Age, Vision, Hearing, Physical, emotional, social, experiential background, attention span, finer motor coordination, eye hand coordination, reading from left to right and top to bottom.

#### Mathematics

- Importance of number and mathematics.
- Number as a language and history of its development.
- Abstract nature of number.
- Mathematical readiness.
- Analysis of prerequisite skill for number classification, comparing, seriation, patterning, counting, shape and space, measurement fractions, vocabulary, numeral operations.
- Operations and relevant rules and properties; subtraction, multiplication and division.
- Two and three dimension shapes, properties, characteristics.

#### Environmental studies

- Scope of environmental studies.
- Importance and goals of environmental studies.

### UNIT-V Project method

- Introduction
- Meaning and advantages of using project method.
- Planning.

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### Alternative to Home Work

- Disadvantages of learning by role.
- Suitable alternatives such as observations, exploration, experimentation and reporting orally, picture or at. Something related to the concepts covered in class.

### Evaluation

- Need for evaluation.
- Formative and summative evaluation.
- Methods of evaluation: Observations.
- Evaluation of daily work, tools for evaluation
- Reporting to parents.

### Practical (any four)

1. Plan three activities for children: list objectives, analyses tasks to achieve goals, select and organize instructional and learning materials, teacher's role, preparation of evaluation sheets i.e. check list, rating scale.
2. Prewriting activities.
3. (a) Mathematics  
(b) Readiness  
(c) Materials for classifying, comparing, seriations, patterning, counting shapes, fractions, list vocabulary related to mathematical concepts.  
(d) Material for addition, subtraction, multiplication and divisions.  
(e) Graphs.  
(f) Experiences for understanding time distance weight, capacity and money.
4. Prepare a lesson for early childhood education.
5. Plan a project based on lessons of first and second standard, plan activities which children can do at home.
6. Visit to nursery school (**compulsory**).

### REFERENCES:

1. Alder, S., Farrar, C. 1983 : A Curriculum for developing communications skills in the preschool child. Illinois : Thomas Publications.
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13. Robinson, H. 1983 : Exploring teaching London : Allyn amd Bacon.
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Dr. Alka Duggal

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

**Session 21-22**

**Group –III Paper - B**

**EXTENSION EDUCATION**

**M. Marks: 50**

**THEORY**

**UNIT-I**

1. Concept of Education
  - (a) Meaning of Extension
  - (b) Origin of Extension
1. Extension Education Process
  - (a) Environment for learning
  - (b) Role of educator
  - (c) Role of the people participants
2. Home science extension and community development

**UNIT-II**

3. Concept of adult / non formal education
  - (a) Meaning
  - (b) Purpose
5. Five Year Plans
  - (a) History of planning in India.
  - (b) Five year plans and their focus.
6. Planning at different levels- National to Grass roots.

**UNIT-III**

7. Programmes to enhance food production
  - (a) National food production programmes.
8. Poverty alleviation efforts and food security
  - (a) Programmes for poverty alleviation for rural and urban areas.
  - (b) Current programmes for rural and urban poor

**UNIT-IV**

- 9 Programmes for women and children Women as target groups - specific measures for women and children such as DWCRA, ICDS, IMY. Current programmes for women as initiated and implemented by the different ministeries and departments.
- 10 PMKVY (Pradhan Mantri Kaushal Vikas Yojana).
- 11 Role of NGOs  
Need for participation of Non-Governmental organizations in developmental efforts.  
Encouragement given NGO's.

**UNIT-V**

Advertising Media

12. Different media for advertising.
13. Methods of Extension Education
14. Non-media advertising
15. Outdoor advertisement - Hoardings, Posters, Billboards, Bulletin Boards, Electronic sings, Letterbins, Aerial methods.
16. Transportation media (Mobile Vehicles)
17. Exhibition and Trade fair.

Dr. Alka Duggal

Dr. Bharti Sethi

Mrs. Manita R. Deo


Dr. Rupam Ajeet Yadav


Dr. Anil Dwan


## Practical


1. Visits to Radio / T.V. stations.
2. Script writing for Radio.
3. Visit to Extension Education Unit.
4. Write slogan about Adult-Education.
5. Designing an Advertisement for any product with relevant slogan at least two.
6. Study of programme for women as target group and children.




  
Dr. Alka Duggal

  
Dr. Bharti Lathi

  
Mrs. Mamta R. Deo

  
Dr. Rupam Ajeet Yadav

  
Dr. Anil Dwan

**THEORY**

**Unit – I**

Introduction to foundation of art

1. Design, Definition and types : Structural and Decorative
2. Elements of Design :-
  1. Line
  2. Size
  3. Form
  4. Structure
  5. Space
  6. Pattern
  7. Shape
8. Light – Characteristics and Classifications
9. Study of Colour – Classifications, Dimensions, Colour Schemes and effect.
3. Principles of design – definition and their characteristics and types :-
  1. Balance
  2. Harmony
  3. Scale
  4. Proportion
  5. Rhythm
  6. Emphasis

**Unit – II**

**1. Indian, regional, traditional and contemporary arts and their use in :-**

1. Floor decoration
2. Home decoration
3. Accessories

**2. Appreciation of art**

1. In terms of principles of art and design
2. In terms of composition and aesthetic appeal
3. Flower arrangement material and principles.

**Unit – III**

**1. Family's Housing Needs**

1. Protective, economic, affectional, social, standard of living, housing goals, style, function occupation.
2. Factors influencing selection and purchase of site to house building
  - 1- Legal aspects, location, physical feature, soil conditions, cost, services
3. House planning-
  - 1- Reading house plans
  - 2- Planning principles  
Grouping of rooms, orientation, circulation, flexibility, privacy spaciousness, services, aesthetics, economy, light and ventilation.
  - 3- Planning different rooms: living room, bedrooms, kitchen, store room, toilet, passage and staircase.
  - 4- Landscape planning-Principles and application.

## UNIT-IV

1. **Financial Considerations :**
  1. Availability of funds for housing
  2. Housing Development finance corporation
  3. Cooperative Housing Society
  4. Life Insurance corporation
  5. Cooperative Banks
  6. Loan from provident fund
  7. Finance corporation of India
2. **Disability of owning versus renting.**
  1. Housing problems, causes and remedial measures.

## UNIT-V

1. **Furniture**
  1. Styles of furniture - traditional contemporary and modern.
  2. Selection of furniture for comfort, rest and relaxation for work, for storage
  3. Arrangement of furniture for living. Sleeping, dining and multipurpose rooms.
  4. Upholstered furniture materials, techniques and designs.
2. **Furnishing fabrics**
  1. Types of curtains, draperies, floor coverings rugs and carpets, cushion covers
2. **Selection and use.**
  1. Accessories and their role in interiors.

### Practical (Any Eight)

1. Freehand drawing : Memory drawing and sketching.
2. Scale drawing, solid geometry, orthographic.
3. Preparation of colour wheel and colour schemes.
4. Elements of design laws of field size, proportion, types of shadows.
5. Residential space planning - scale, lines, abbreviations, metric projections, defining space by shades, shadows.
6. Lettering.
7. Use of colour for wall/floor decoration and making accessories.
8. Application of design principles in flower arrangement, styles of flower arrangement, innovation of new styles.
9. Gift wrapping and preparing decorative articles of sibre, fabric, coir, bamboo, clay, metal etc.
10. Drawing house plans with standard specification.
11. Furniture layout of living, dining. Kitchen and bedroom designs presentation with furniture layout, sectional elevation, views.
12. Development of designs and construction of any five of the under mentioned items - '  
Cushions, curtains, carpets, doormats, rugs, table mates.
13. Wall paintings, picture frame design.
14. Graphic designs.
15. Visit to Art and Craft exhibition

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Dr. Anil Dwan

**B.Sc. (HOME-SCIENCE) PART- III**  
**Session 2021-22**  
**Group –IV**  
**Paper - B**  
**APPAREL MAKING & FASHION DESIGNING**

Marks: 50

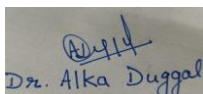
**THEORY**

**Unit – I**

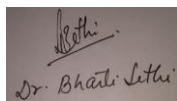
1. Anatomy Of Human Body
  - Skeleton & Muscular System
  - Joints Of Human Body
1. Normal Body
2. Abnormal Body
1. Figure Problems & Different Types Of Figure Defects
  - Erect, Stooping, Low Shoulder, Square Shoulder, Thin Waist, Stout Waist, Long Body, Short Body, Full Back, Flat Back, Cylindrical, Corpulent, Head Forward, Head Backward
2. Deformity
  1. Natural & Accidental
3. Principle of Figure Drawing
4. Sketching of Different Body Features

**Unit – II**

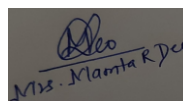
1. Drawing Of Human Form In Different Angles
  - Front
  - Back
  - Side
2. Figure Head Theories
  - 8 ½ (Average Figure)
  - 12 ½ (Fashion Figure)
3. Introduction to Elements of Design
  - Color / Line
  - Texture
  - Shapes / forms
4. Principles of Design
  - Proportion
  - Balance
  - Harmony
  - Rhythm
  - Emphasis
5. Different types of Textile design
  - Structural / Decorative
  - Realistic / Abstract
  - Stylized / Geometrical
  - Scrawly / Traditional



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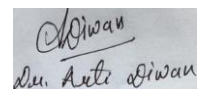
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### Unit – III

#### 1. Study of colour

- Definition,
- characteristics and
- colour schemes

#### 2. Color Theories

- Prang's Color Theory
- Munshell's Color Theory

#### 3. Fashion

- Definition
- Theories
- Fashion Trends In India
- Terms Related To Fashion Industry
- Factors Affecting Fashion

#### 4. Necklines

- Study of Different types of Necklines
- Variations of Necklines

#### 5. Collars

- Study of Different types of Collars
- Collars above the Necklines (Band Collars)
- Collars below the Necklines (Flat Collars)

### Unit – IV

1. Tucks: Different types of Tucks (Pin, Diagonal, Blind, Cross, Spaced, Diamond, Shell, Corded)
2. Pleats: Different types of Pleats (Simple, Knife, Box, Accordion, Kick, Reverse, Inverted Box)
3. Seam & seam finishes
4. Frills & Gathers
5. Yoke: Different types of Yokes (Body, Waist, Hip, Shoulder)
6. Sleeves: Different types of Sleeves (Plain, Puff, Raglan, Kimono, Dolman)
7. Silhouettes

### Unit – V

#### 1. Embroidery

- Fundamentals / Techniques
- Design / Color Combination
- Use Of Different Threads / Different Types of Stitches

#### 2. Traditional Embroidery Of India

- Kashida of Kashmir & Bihar
- Kantha of Bengal
- Phulkari of Punjab
- Chikenkari of Lucknow
- Kasuti of Karnataka
- Kutch & Kathiyawar Of Gujrat
- Zari Embroidery
- Applique Work

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3. Entrepreneurship
  - Meaning, Definition, Nature & Types
  - Qualities of a Successful Entrepreneur
  - Factors Affecting the Development of Entrepreneurship
4. Channels of Distribution: Meaning, Definition, Types & Functions
5. Salesmanship: Duties & Main Qualities of Successful Salesmanship, Salesmanship & Advertisement.

#### REFERENCES -

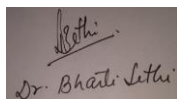
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### Practical

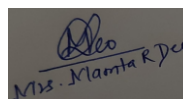
1. Average Figure (8 ½ Head Length)
2. Fashion Figure (12 ½ Head Length)
3. Sketching of different Body Features & Different Hair Styles
4. Preparation of Samples of different types of Necklines
5. Preparation of Samples of different types of Collars
6. Preparation of Samples of different types of Sleeves
7. Preparation of Samples of different types of Yokes
8. Preparation of Samples of different tucks and pleats
9. Construction of Ladies Garment with Different Patterns
  - Frock : A line / short body / long body
  - Petticoat / Blouse,
  - A-Line Kurti / Fitted Kurti / Flared Kurti
  - Simple Salwar / Salwar With Belt / Patiyala / Churidar
10. All samples of traditional embroidery fix in the file
11. Draw design with different colour schemes
12. Reducing and enlarging a design
13. Draw an objects involving various Elements of design




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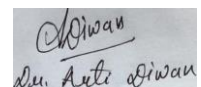
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Dr. Anil Dhanu