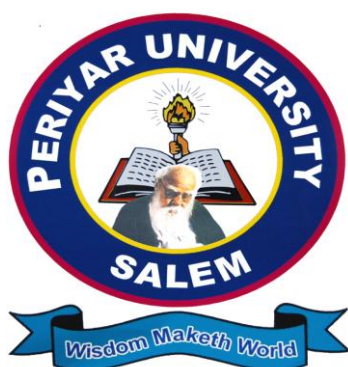


PERIYAR UNIVERSITY
PERIYAR PALKALAI NAGAR
SALEM – 636 011



DEGREE OF BACHELOR OF SCIENCE
CHOICE BASED CREDIT SYSTEM

SYLLABUS FOR B.SC. COSTUME DESIGN AND FASHION

FOR THE STUDENTS ADMITTED FROM THE
ACADEMIC YEAR 2012 – 2013 ONWARDS

RULES AND REGULATIONS FOR THE ADMISSION OF 3 YEAR

I. CONDITION FOR ADMISSION

Candidates seeking admission to the first year degree of Bachelor of Science in Costume Design and Fashion shall be required to have passed in any higher secondary course examination of the state board/CBSE/ICSE.

Pass in any Fashion/ Costume/Textile/Apparel related Diploma course is eligible to admit in direct second year of this UG Course.

II. DURATION OF THE COURSE

The course for the degree of Bachelor Of Science Costume Design and Fashion shall extend over a period of three academic years - 6 Semesters and each semester normally consisting of 90 working days or 450 Hours.

III. ELIGIBILITY FOR THE DEGREE

A candidate shall be eligible for the degree of Bachelor Of Science Costume Design And Fashion, if he/she has satisfactorily undergone the prescribed courses of the study for a period not less than 6 semesters in an institution approved by the university has passed the prescribed examinations in all the 6 Semesters.

IV. SUBJECT OF STUDY

The subjects of the study for the B.Sc., Costume Design and Fashion and the syllabus for the subjects are given in the annexure.

V. REQUIREMENT OF EXAMINATION

The theory examinations will be conducted for 3 Hours by the university in the subjects prescribed for all the semesters in the month of November & April every year.

The practical examinations will be conducted for 3 Hours by the university in all the subjects prescribed in the month of March & April.

VI. SCHEME OF THE EXAMINATION

The scheme of examinations for the course is given in Annexure. All the practical examinations/ Project work shall be conducted & evaluated internally by the institution themselves with internal and external examiners appointed by the university.

SEM	PART	COURSE CODE	COURSE	HRS		CREDIT	MARKS		
				L	T/P		CIA	EA	TOTAL
I	I	12UTA01	Tamil I / *	4	2	3	25	75	100
	II	12UEN01	English I	4	2	3	25	75	100
	III	12UCD01	Core I – Basic Garment Construction	3	2	5	25	75	100
		12UCDP01	Core Prac. I – Basic Garment Construction Practical	-	3	-	-	-	-
		12UCDA01	Allied – I – Fibre to Fabric	3	2	4	25	75	100
		12UCDAP01	Allied Prac. I – Computer Application Practical	-	3	-	-	-	-
	IV	12UCDV01	Val.Edu.- Yoga	2	-	2	25	75	100
				30	17				
II	I	12UTA02	Tamil II/*	4	2	3	25	75	100
	II	12UEN02	English II	4	2	3	25	75	100
	III	12UCD02	Core II – Sewing Technology	4	2	5	25	75	100
		12UCDA02	Allied II – Historic Costume & Textiles	4	2	5	25	75	100
		12UCDAP02	Allied Prac. II - Fashion Sketching Practical	-	5	3	40	60	100
		12UCDP01	Core Prac. I - Basic Garment Construction Practical	-	-	3	40	60	100
		12UCDAP01	Allied Prac. I - Computer Application Practical	-	-	3	40	60	100
IV		Env. Stu	1	-	1	25	75	100	
				30	26				
III	I	12UTA03	Tamil III/*	4	2	3	25	75	100
	II	12UEN03	English III	4	2	3	25	75	100
	III	12UCD03	Core - III – Pattern Making	4	2	4	25	75	100
		12UCDP02	Core Prac. II – Designing & Manufacturing Children’s Apparel Practical	-	3	-	-	-	-
		12UCDA03	Allied III – Fashion & Clothing Psychology	3	2	4	25	75	100
	IV	12UCDSP01	SBEC – I – Surface Embellishment Practical	1	1	2	40	60	100
		12UCDN01	NMEC – I (Other Department NMEC Paper –I)	1	1	2	25	75	100
				30	18				
IV	I	12UTA04	Tamil IV/*	4	2	3	25	75	100
	II	12UEN04	English IV	4	2	3	25	75	100
	III	12UCDP03	Core Prac. III – Embroidery & Surface Decoration Practical	-	3	3	40	60	100
		12UCDP04	Core Prac. IV – Textile Testing Practical	-	3	3	40	60	100
		12UCDA04	Allied – IV – Textile Processing & Testing	4	1	4	25	75	100
		12UCDAP03	Allied Prac. III – Textile Processing Practical	-	3	3	40	60	100
		12UCDP02	Core Prac. II - Designing & Manufacturing Children’s Apparel Practical	-	-	3	40	60	100

	IV	12UCDN02	NMEC – II (Other Department NMEC Paper – II)	1	1	2	25	75	100
		12UCDS01	SBEC – II – Non Woven & Technical Textiles	1	1	2	25	75	100
					30	26			
V	III	12UCD04	Core – IV – Clothing Care	4	2	5	25	75	100
	III	12UCD05	Core – V – Apparel Quality Assurance	4	2	5	25	75	100
	III	12UCD06	Core – VI – Garment Finishing	4	2	5	25	75	100
	III	12UCDP05	Core Prac. V – Designing & Manufacturing Women’s Apparel Practical	-	3	-	-	-	-
	III	12UCDM01	MBEC – I – Fashion Marketing & Merchandising	5	-	4	25	75	100
	IV	12UCDSP02	SBEC – III – Fashion Accessories & Ornaments Practical	1	1	2	40	60	100
	IV	12UCDSP03	SBEC – IV – Beauty Care Practical	1	1	2	40	60	100
					30	23			
VI	III	12UCD07	Core – VII- CAD in Textile & Fashion	4	2	5	25	75	100
	III	12UCDP06	Core Prac. VI – CAD in Textiles & Fashion Practical	-	3	3	40	60	100
	III	12UCDP07	Core Prac. VII – Designing & Manufacturing Men’s Apparel Practical	-	3	3	40	60	100
	III	12UCDM02	MBEC – II – Fashion Photography	3	2	4	25	75	100
	III	12UCDM03	MBEC – III – Textile Garment Industry Management	3	2	4	25	75	100
	IV	12UCDSP04	SBEC – V – Portfolio Presentation Practical	1	1	2	40	60	100
		12UCDSP05	SBEC – VI - Needle Craft Practical	1	1	2	40	60	100
		12UCDP08	Project Viva Voce	2	2	3	-	100	100
		12UCDP05	Core Prac. – V - Designing & Manufacturing Women’s Apparel Practical	-	-	3	40	60	100
V			Extn. Activities	-	-	1	-	100	100
						30			
TOTAL						140			

* - Any other language Courses

SBEC - Skill Based Elective Courses

NMEC - Non - Major Elective Courses

MBEC - Major Based Elective Course

VII. PASSING RULES

• Theory Subjects

75% of the marks for external evaluation and 25% marks are allotted for internal evaluation.

Candidate is demand to have passed to a subject, if he/she get a minimum of 40% of total marks in theory subjects with internal mark of 10 marks and external marks of 30 marks.

- **Practical/Project**

60% of the marks for external evaluation and 40% marks are allotted for internal evaluation.

For practical subjects, the candidate should get minimum marks of 24 marks in external evaluation out of 60 and 16 marks in internal evaluation out of 40.

For project work and viva voce a candidate should get minimum of 40 marks out of 100.

QUESTION PAPER PATTERN

a. THEORY:

Time: 3Hours

Total Marks: 75 Marks

QUESTION PAPER PATTERN

Unit	Section-A	Section-B	Section-C
I	Q. 1, 2	Q. 11a, 11b,	Q. 16
II	Q. 3, 4	Q. 12a, 12b	Q.17
III	Q. 5, 6	Q.13a, 13b	Q.18
IV	Q. 7, 8	Q.14a, 14b	Q.19
V	Q. 9, 10	Q.15a, 15b	Q.20

SECTION A (10 X2 = 20)

ANSWER ALL THE QUESTIONS

SECTION B (5 X5 = 25)

Either or Choice

ANSWER ALL THE QUESTIONS

SECTION C (3 X10 = 30)

ANSWER ANY THREE QUESTIONS OUT OF FIVE

INTERNAL ASSESSMENT

	MARKS
TEST :	15
ASSIGNMENT :	5
ATTENDANCE :	5
	25
PASSING MINIMUM (IA) 40%	- 10 MARKS
PASSING MINIMUM (UE) 40%	- 30 MARKS
PASSING MINIMUM TOTAL	- 40 MARKS

b. PRACTICAL:

Time: 3Hours

Total Marks: 60 Marks

SECTION A (1 X20= 20)

Either or Choice

ANSWER ANY ONE

SECTION B (1 X40 = 40)

Either or Choice

ANSWER ANY ONE

INTERNAL MARKS:

RECORD:	25
SAMPLES:	10
ATTENDANCE :	05
TOTAL:	40

PASSING MINIMUM (IA) 40%	- 16 MARKS
PASSING MINIMUM (UE) 60%	- 24 MARKS
PASSING MINIMUM TOTAL	- 40 MARKS

B.Sc. COSTUME DESIGN AND FASHION

CHOICE BASED CREDIT SYSTEM

(for the students admitted from the year 2012-2013 onwards)

I. LIST OF CORE COURSES

1. 12UCD01 - Basic Garment Construction
2. 12UCDP01 - Basic Garment Construction Practical
3. 12UCD02 - Sewing Technology
4. 12UCD03 - Pattern Making
5. 12UCDP02 - Designing and Manufacturing Children's Apparel Practical
6. 12UCDP03 - Embroidery and Surface Decoration practical
7. 12UCDP04 - Textile Testing Practical
8. 12UCD04 - Clothing Care
9. 12UCD05 - Apparel Quality Assurance
10. 12UCDP05 - Designing and Manufacturing Women's Apparel Practical

- 11. 12UCD06 - Garment Finishing
- 12. 12UCD07 - CAD in Textile and Fashion
- 13. 12UCDP06 - CAD in Textile and Fashion Practical.
- 14. 12UCDP07 - Designing and Manufacturing Men's Apparel Practical.

II. LIST OF ALLIED COURSES

- 1. 12UCDA01 - Fibre to Fabric
- 2. 12UCDAP01 - Computer Application Practical
- 3. 12UCDA02 - Historic Costumes and Textiles
- 4. 12UCDAP02 - Fashion Sketching Practical
- 5. 12UCDA03 - Fashion and Clothing Psychology
- 6. 12UCDA04 - Textile Processing & Testing
- 7. 12UCDAP03 - Textile Processing Practical

III. LIST OF SKILLED BASED ELECTIVE COURSES

- 1. 12UCDSP01 - Surface Embellishment Practical
- 2. 12UCDS01 - Non-Woven and Technical Textiles
- 3. 12UCDSP02 - Fashion Accessories and Ornaments Practical
- 4. 12UCDSP03 - Beauty Care Practical
- 5. 12UCDSP04 - Port Folio Presentation Practical
- 6. 12UCDSP05 - Needle Craft Practical

IV. LIST OF MAJOR BASED ELECTIVE COURSES

- 1. 12UCDM01 - Fashion Marketing & Merchandising
- 2. 12UCDM02 - Fashion Photography

3. 12UCDM03 - Textile and Garment Industry Management

V. LIST OF NON - MAJOR ELECTIVE COURSE

1. 12UCDN01 - Beauty & Body Care
2. 12UCDN02 - Concepts of Fashion

B.Sc. COSTUME DESIGN AND FASHION CHOICE BASED CREDIT SYSTEM

12UCD01 BASIC GARMENT CONSTRUCTION

UNIT – I

Parts and function of a single needle machine, essential equipment. Seams-and Seam finishes – types, working of seams and seam finishes. Hemming - Importance, types, hem stitches used.

UNIT – II

Fullness - Definition, types, darts, tucks, Pleats, flares, godets, gathers and shirrs, frills, flounces. Facing and binding – Definition & types.

UNIT – III

Openings–Plackets–Definition, Characteristics of a good Placket – type, method of constructing the plackets.

UNIT – IV

Closures: Fasteners–Conspicuous–Definition, types Button and button holes, button loops, button with holes, shank buttons, eyelets of words Inconspicuous – press buttons, hook, and eyes, zips.

UNIT – V

Sleeves: Definition, Types of Sleeves – plain, puff sleeve, bishop sleeve, bell, circular, squared armhole, cap sleeve and Magyar sleeve, sleeve and bodice combined – raglan, kimono and dolman.

Yoke's - Types, simple yoke, Yoke with fullness, within the yoke.

REFERENCE

- The Complete Book of sewing – Dorling Kindersley Ltd, London 1986.
- Practical clothing construction – Part I & II, Cosmic Press, Chennai (1986)
- Securing & knitting - A readers Digest, step – by – step guide, Readers Digest Pvt Ltd., Australia.

12UCDP01 BASIC GARMENT CONSTRUCTION PRACTICAL

1. Preparation of Samples for Seam & Seam Finishes.
2. Preparation of Samples for Fullness
3. Preparation of 2 Samples for Facings & bindings
4. Preparation of 2 Samples for Plackets & fasteners
5. Preparation of 2 Samples for Sleeves
6. Preparation of 2 Samples for Collars
7. Preparation of 2 Samples for yokes.

12UCD02 SEWING TECHNOLOGY

UNIT-I

Sewing -Introduction, History of sewing machine, innovators of sewing system.

UNIT-II

Sewing machines -Types of sewing machines, parts and functions of single and double needle machine, Over lock machine, flat lock machine buttonhole machine, button fixing machine & Bar tacking machine, attachments used in sewing machine, Trends in sewing machines.

UNIT-III

Sewing machineries-care and maintenance – types of maintenance, common problems and remedies.

UNIT -IV

Clothing construction tools–cutting tools, measuring tools, marking tools, pressing tools, types of papers, types of needles, types of spread, spreading equipment, methods.

UNIT-V

Sewing techniques-types of machine stitching, importance, basic hand stitches, Sewing threads-importance, Selection, Characteristics Manufacturing process, twisting process.

REFERENCES

- Introduction to clothing manufacture Gerry cooklin Blackwell science uk, 1991.
- The Technology of clothing manufacture, Harold Carr and Barbara Latham, Oxford Pub, USA, 1994.
- A Complete Guide for sewing – coles M Sew, Heinemann Professional Publishing, Singapore.
- Reader's Digest sewing Guide, Complete Guide to sewing, 13th Edition, the Reader's Digest Association Inc, pleasant ville.

12UCD03 PATTERN MAKING

UNIT-I

Body measurements,-Importance-Preparing for measuring-measurements for ladies, mens, boys & girls. Standardizing body measurements-Importance-techniques used.

UNIT-II

Pattern making – methods (Drafting & Draping), merits & Demerits, Types of paper patterns, principles of pattern Drafting – Drafting basic bodice front, back & Sleeve Draping – steps in draping a basic bodice front, back & sleeve.

UNIT-III

Fitting-principles of fitting, standards for a good fit, Step in fitting techniques. Checking fit of a blouse, solving fitting problems in a blouse.

UNIT-IV

Pattern layout – Definition – Rules in layout, methods of layout, layouts for lengthwise striped designs, bold designs asymmetric designs, one way designs, Alternative techniques if cloth is insufficient, fabric cutting, transferring pattern markings.

UNIT-V

Pattern alteration – importance of altering patterns, principles for patter alteration, common pattern alterations in a blouse. Pattern grading – Definition – types - methods

REFERENCES

- Practical clothing construction - Part I & II, Mary Mathews, cosmic press, Chennai, 1986.
- Zarakar system of cutting – Zarakar K.R., Navneeth's Publications Ltd.,
- Pattern grading for women's clothes, the technology of sizing – Gerry cooklin, Black well science Ltd.,
- Metric Pattern cutting, wintered Aldrich, Blackwell science, Uk.

12UCDP02 DESIGNING AND MANUFACTURING CHILDREN'S APPAREL PRACTICAL

Designing, drafting and constructing the following garments with the design features.

1. BIB – Variation in outline shape
2. Panty – Plain and variation in shapes
3. Jabla – with or without sleeve, with and without opening.
4. Knickers - with elastic opening and side pickles.
5. Baba suit /Romper – knickers with chest piece attached
6. A line frock– double pointed dart, facings at neckline and a armhole.
7. Summer frock – without sleeve and collars, suspenders tied at shoulder
8. Yoke frock – with yoke, with sleeve, Gathered, flared, with or without collar.
9. Boy's shirt – open collar, pocket
10. Boy's short – fly open with buttons, side pocket, pleats and dart.

REFERENCES

- Zarpker system of cutting – Zarpker K.R. Navneet Publications Ltd.
- Practical clothing construction – part I and II, Mary Mathews, cosmic Press, Chennai (1986).
- Practical cutting and Tailoring part II Eshwasri Anwahi, Lakhraj Hans R.B Publications, Delhi.

12UCDP03 EMBROIDERY & SURFACE DECORATIONS PRACTICAL

Make the Samples for the following

1. Hand Embroidery – 15 stitches
2. Machine Embroidery - 3 stitches
3. Appliqué (Any 1 type)
4. Smocking – Types of smocking (Any 1 type)
5. Bead work (Any 1 type)
6. Sequins work (Any 1 type)
7. Zardosi work (Any 1 type)
8. Mirror work (Any 1 type)
9. Stone work (Any 1 type)

12UCDP04 TEXTILE TESTING PRACTICAL

1. Fibre testing - Identification of fibers by microscopic test, burning test and solubility test.
2. Yarn testing – Determination of Yarn count, yarn twist, Lea strength & CSP Calculation.
3. Fabric Testing – Fabric Particulars – Threads/inch, yarn crimp, yarn count, cover weight per square yard of the fabric, Fabric tensile strength, bursting strength, stiffness, drapability, Shrinkage, Abrasion testing, pilling resistance.

12UCD04 CLOTHING CARE

UNIT – I

Water – hard and soft water, methods of softening water. Laundry soaps—manufacture of soap, composition of soap, Properties of soap, types of soap, soapless detergents, detergent, Manufacture, merits and demerits, of detergent.

UNIT –II

Laundry equipment—for storage, steeping and washing, Types of equipments—wash board, suction washer, wash boiler, washing machine, Drying equipments—out door and indoor types. Irons and ironing board – Types of Iron, ironing board – types.

UNIT–III

Stiffening agents-starch and other stiffening agents, preparation of starch. Bleaching agents-Types of Bleaching agents, Grease Removers-Grease solvents-Grease Absorbents. Laundry blues and their application-optical blues.

UNIT – IV

Laundering & their principles - Principles of washing, kneading and squeezing. Methods of finishing - Dampening, ironing, pressing steaming, care & cleaning of irons. Laundering of different fabrics- cotton and Linen, woolens, colored fabrics, silks, rayon.

UNIT – V

Dry cleaning-Definition and its types, stain Removal-classification into Animals, vegetables, Grease, Dye & Mineral stains-scrub and Grass stains-General rules and ways of stain removal.

REFERENCES

- Textile Fabrics and their selection, Wingate I.B. Allied publishers Pvt. Ltd., Chennai.
- Fundamental of Textiles and their care, Dantyaagi. S. Orient Longman Ltd., New Delhi, 1980.
- Family clothing Tate of Gleason John wiley and Sons, Inc Illinois Latested
- Household Textiles and laundrywork, Durga Deulkar, Alma Ram and Sons New Delhi.

12UCD05 APPAREL QUALITY ASSURANCE

UNIT-I

Define Quality, QC, QA. Importance of quality and quality control. Raw material inspection - fabric inspection - 4 point system - 10 point system - in process inspection - final inspection - no inspection- 100% inspection - statistical sampling-AQL standards, preparing specifications.

UNIT- II

Fabric defects - pre sewing defects - sewing defects - post sewing defects-causes & remedies. Minor and major defects.

UNIT-III

Concepts of Total quality management - tools used. ISO 9000 - ISO 14000 - SA 8000 - Ecotex concepts.

UNIT-IV

Accessories testing - sewing threads, button, elastics, lining, interlining, hook, laces, elastics, packing materials. Testing on dimensional stability - bow-skew ness-shrinkage.

UNIT-V

Apparel Quality Assurance in Packing –importance –types. warehousing –scope & importance – shipping procedure.

REFERENCES

- Managing quality in the apparel industries - Pradip metha, Satish k. Bhardwaj, NIFT, New age international (p) ltdpublishers, ND.
- Technology of clothing manufacture, Harold Carr and Barbara Latham, Oxford publications, ITSA.
- Apparel manufacturing and sewing product analysis, Ruth EC.
- Introduction to quality control, Pradip V Metha,ASCQ quality press,newyork,1992.
- Total quality management -a practical approach, Wiley Eastern, New York 1990.

12UCDP05 DESIGNING AND MANUFACTURING WOMEN'S APPAREL PRACTICAL

Designing, Drafting and Constructing the following garments for the features.

1. Middy – Variation in panel,
2. Middy Top – Front open, with or without collar and variation in sleeves.
3. Night dress - With or without yoke, variation is Sleeves, attaching trimmings.
4. Maxi - Fashioned neck and attaching trimmings.
5. Salwar - Gathered waist with tape or elastic, bottom design variation.

- | | | | |
|----|--------------|---|--|
| 6. | Kemeez | - | Fashioned neck, variation in sleeve. |
| 7. | Ladies pant | - | Variations in bottom zip attached, patch pants. |
| 8. | Ladies shirt | - | Half open collar Attached, half or full
sleeve. |

REFERENCES

- Easy cutting - Juvekar,, Commercial Tailors Corporation Pvt. Ltd, 166 Dr.Ambedkar Road, Delhi.
- Zarapker system of cutting – K.P. Zarapker, Navneet Publications Ltd.
- Practical clothing construction – part I and II, Mary Mathews, cosmic Press, Chennai.

12UCD07 CAD IN TEXTILE AND FASHION

UNIT-I

Introduction to computers – organization of computers – input unit –output unit – central processing unit – memory device. Working principles of printer- scanner- digitizer – plotters.

UNIT-II

Computer applications in printing – colour reduction – screen preparation – simulation techniques. Computer application in weaving – stripes – checks – spot designs – enlarged designs – dobby – jacquard – simulation techniques.

UNIT-III

Computer application in fashion designing – design creation- theme rendering – 3D modeling – body scanning – texture mapping – design studio – fashion studio – fashion multimedia concepts.

UNIT-IV

Computer application in pattern making– grading – marker planning – laying – cutting – labeling – duplicating.

UNIT-V

Study of Computer Aided Manufacturing-Computer Integrated Manufacturing-Computerized Embroidery- Brief study on design software used in industries.

REFERENCES

- CAD/CAM computer aided design and manufacture, Groover MP and E.W.Zinimmers, prentic hall, India 1984.
- Computer aided design and manufacture, Bezant C.E, Ellis Horwood, England,1983.
- CAD in clothing and textiles, Winfred Aldrich, Blackwel science, 1994.
- Computers in fashion industry, Taylor P, Heinemann publications 1990.
- Automation in the textile industry from fibers to apparels, Buhanan and Graddy, The Textile Institute,UK 1995.
- Computer aided drafting and design –concept and application, Veinsinet DO, 1987.

12UCD06 GARMENT FINISHING

UNIT – I

Finishing – types of finishing – importance of garment finishing, advantages of finishing.

UNIT – II

Resin finish – process and Recipe, wash and wear finish, water proof finish – process and Recipe, Water repellent finish – process and recipe, antimicrobial finish, flame retardant finish – process and recipe, soil release. Finish – process and recipe.

UNIT – III

Stiff finish – process and Recipe, softening – silicon finish – process and Recipe, Denim finish – process and recipe, Stone wash finish – process, anti – pilling finish – process and recipe, Anti mildew finish – process and Recipe.

UNIT – IV

Fusing – Requirement of fusing – types and method of fusing, welding and adhesives, moulding. Durable press finish – pressing – methods of pressing – pleating – permanent press.

UNIT – V

Enzyme Finish – classification – working procedures.

REFERENCE

- Technology of clothing manufacture – Harold carr of Barbara Latham
- Textile finishing – Dr.G.Nallangilli &Dr. S.Jayaprakasam.
- Fusing fabric – Margaret Beal 2005, Bt Bate fool Ltd.

12UCDP06 CAD IN TEXTILE AND FASHION PRACTICAL

Coral Draw or fashion Studio

1. Design a garment for children - any 3 designs
2. Design a garment for women - any 3 designs
3. Design a garment for men - any 3 designs

TUKA CAD

1. Create a pattern, grade and prepare a marker plan for children – Bib,
Summer Frock, Romper
2. Create a pattern, grade and prepare a marker plan for women –
Salvar kameez, middi & middi top, maxi
3. Create a pattern, grade and prepare a marker plan for men-
Full sleeve shirt, Kalidhar Kurtha, Pyjama

Adobe Photoshop

1. Converting black & white images into multi colour images
2. Create visiting card with Image mixing

12UCDP07 DESIGNING AND MANUFACTURING MEN'S APPAREL PRATICAL

Designing, Drafting and Constructing the following garments for the features.

1. Slack Shirt - with collar, half Sleeve, Patch pocket.
2. Full sleeve shirt - Full open collar, patch pocket, full sleeve with cuff.
3. S.B. Vest - With / without collar, No sleeve, Fancy button attached.
4. Pleated Trouser - Pleat in front, Darts at back, side pocket, fly with button /zip, Belt with adjustable strap.
5. Kalidhar kurtha - Kali piece, side pocket, round necks, half open.
6. Pyjama - Waist, elastic – tape attached, fly.

REFERENCES

- Commercial system of cutting – Juvekar, commercial Tailors corporation Pvt. Ltd, 166, Dr. Ambedkar Road, Dadas.
- Practical clothing construction – part I and II, Mary Mathews, cosmic press, Chennai.
- Zarapkar system of cutting K,. R.Zarapker, Navneet publications Ltd.
- Dress making - Smt Thangam Subramaniam, Bombay tailoring and Embroidery College, 32 North Part Street, Ambattur, Chennai.
- Easy Cutting Juvekar, Commercial Tailors corporation Pvt.Ltd, 166, Dr, Ambedkar road, Dadas.

12UCDA01 FIBRE TO FABRIC

UNIT-I

Introduction to Textile fibers - Definition, Classification of fibers - Essential and desirable Properties – Natural fibers- cotton, silk, wool, manufacturing, physical and chemical properties and end uses.

UNIT-II

Manmade fibers – Viscose rayon, Polyester, manufacturing, physical and chemical properties and end uses. Brief study of spandex / Lycra and new fibres.

UNIT- III

Introduction to Ginning – Objects – Types of Ginning, Working principle of knife roller gin. Working principle of Blow room process – objects of mixing, objects of blow room.

UNIT – IV

Carding – objects, working principles of modern carding. Draw frame – Objects, working principles of draw frame. Simplex – Objects, working Principles, Spinning (Ring frame) – Objects, Working Principles.

UNIT – V

Yarn – Definition, Classification, simple, fancy and sewing threads.

Fabric - Introduction about weaving & Knitting. Working principle of shuttle loom & weft knitting machine.

REFERENCES

- Textiles fiber to fabric, Corbman B.P, International Mc Graw – Hill, Editions, 1983.
- Textile Science, E.P.G. Gohl & L.D. Vilensky, 2nd edition, CBS Publishers and Distributors, New Delhi – 110002 (India)
- Technology of spinning, W.D. Klein, Textile Institute, Manchester.

- Spun yarn Technology, Vol-I, II & III, Dr. Venkatasubramani,
- Spun yarn Technology, Eric Oxtoby, Butter worth pub, U.K. 1987.

12UCDAP01 COMPUTER APPLICATION PRACTICAL

UNIT-I

Introduction to Computer – Dos System, Windows, and Functions of Photo paint.

UNIT-II

Word processing – Excel processing - Power Point.

UNIT-III

Access Processing, Internet – Browsing – E-mail.

UNIT-IV

Coral draw –Tools for Garment Designing

UNIT-V

Photoshop- Tools, garment styling, colouring and designing.

12UCDAP02 FASHION SKECTCHING PRACTICAL

1. Sketch different types of colour theory.
2. Sketching of different action croques.
3. Wardrobe Collection for Teenage boys and girls.
4. Head theory – $8\frac{1}{2}$, $10\frac{1}{2}$, and $12\frac{1}{2}$
 - Stick figure
 - Block Figure
 - Flesh Figure
5. Lay figure.
7. Difference between normal & fashion figure.

12UCDA02 HISTORIC COSTUMES & TEXTILES

UNIT-I

Beginning of costume, growth of dress out of painting, cutting and tattooing. Costume of India, traditional costumes of different states of India-Tamilnadu, Rajasthan, factors influencing costume changes Accessories and ornaments used in India.

UNIT-II

Costume of ancient civilization – Egypt, Greece. Costumes of Far eastern countries – Pakistan, Srilanka, China, Japan.

UNIT-III

American costume, from 18th to 20th century.

UNIT-IV

French costume during 1500-1600 century.

UNIT-V

Study of the woven textiles with design, colour and weaving technique.

(a) Dacca muslin, Jam dani, Chanderi, Kashmir shawls and Himrus & Amrus. Bandhani, Kalamkari.

(b) Indian dyeing & printing techniques.

REFERENCES

- Historic costume, Losla K.T., Chas A bernd & Co, Inc. Illinois 1961.
- Costumes of Indian and Paksitan, DAS S.N., D.S Taraporevala sons & co, Mumbai 1958.
- Costumes of India, Dorris Flyn, Oxford & I BHPublishing co., New Delhi 1971.
- Traditional Indian Textiles, Gillow or Bernard, Thames and Hudson, London, 1994.
- Textile in ancient India, Dr. Kiran singh, vishwa vidyalay,
- Costumes & textiles of royal India, Ritukumar, Christies Book Ltd, London, 1999.

12UCDA03 FASHION AND CLOTHING PSYCHOLOGY

UNIT – I

Origin of fashion, definition of fashion, style and fad. Terms related to the fashion industry such as boutique, collection, Mannequin, chic, classic, custom made, fashion, shows, trend, high fashion etc.

UNIT - II

Reasons for fashion changes – psychological needs for fashion, development of personal identify, social psychology of fashion, temporal variation in fashion and fabric. Role of costumes as a status symbol, sex appeal and identify, fashion and season.

UNIT – III

Fashion industry – creation of fashion design – production – distribution – promotion related skills in sketching, filling, collection, production including merchandising, buying, sewing, selling ability – organization as a business.

UNIT – IV

Fashion Centers in Paris & in India. Designers in India – Ritu Beri, Rithu Kumar, Rohith Bal, J.J. Vallaya, Manish Malhotra. Designers in Japan, China, America. List out some of the Fashion Forecasting Industries all over the World.

UNIT – V

- (a) Bandhani, Patola, Ikat techniques.
- (b) Kalamkari.
- (c) Wardrobe planning for children's, women's & men's.

REFERENCES

- Fashion- From Concept to Consumer- Gini Stephens Firings, 6th Edition Prentice Hall (1999).
- Art and Fashion in Clothing Selection- Harriet T Mc Jimsey, The Iowa State University, Press, Iowa (1973).
- Inside the Fashion Business – Bennett, Coleman & Co., Mumbai (1988).

- Retail Fashion, Promotion and Advertising – Drake et al, Machillan Publishing Company, New York.

12UCDA04 TEXTILE PROCESSING & TESTING

UNIT I

Introduction – process sequence- singeing, desizing, scouring, bleaching and mercerizing – objectives, types, process parameters, operations and machines.

UNIT II

Dyeing –classification. Direct, reactive, vat, sulphur, azoic, acid, basic, disperse and natural dyes- properties and application on suitable material.

UNIT III

Printing – ingredients – styles of printing – direct, discharge and resist. Stencil, block, flock, batik, transfer, screen printing and tie- dye printing.

UNIT IV

General aspects of textile testing and quality control – Moisture and its relations to textile materials. Fibre testing – fibre length, fineness, maturity, strength and trash for natural and manmade fibers and blends.

UNIT V

Yarn Testing – yarn numbering – simple calculations, yarn strength, twist, and evenness, crimp, hairiness and yarn appearance.

Fabric testing – fabric particulars – length, width, crimp, threads / inch, weight. Fabric strength – tensile, tearing & bursting. Abrasion resistance, pilling resistance, stiffness.

REFERENCES

- Technology of textile processing – Volume I, II, III, IV, V, VI, VIII, IX, & X- Dr. V.A Shennai.
- Dyeing and chemical technology of textile fibers – E.R.Trotman.
- Principles of Textile Testing, Booth J E, Hoy Books, London (1970)
- Textile Testing, Angappan P and Gopalakrishnan R, SSM Institute of Textile Technology, Komara Palayam.

12UCDAP03 TEXTILE PROCESSING PRACTICAL

1. Desizing of cotton with acid.
2. Scouring of cotton.
3. Bleaching of cotton with hydrogen peroxide.
4. Mercerization of cotton.
5. Dyeing of cotton with direct, reactive, vat.
6. Dyeing of silk with acid and basic dyes.
7. Printing of cotton fabric on direct style, resist style.
8. Finishing of cotton fabric with softeners.

12UCDSP01 SURFACE EMBELLISHMENT PRACTICAL

Develop Samples for the Followings

1. Embroidery – 5 stitches (using metallic embroidery thread)
2. Patch work
3. Quilting
4. Painting – 3 type
5. Printing – 2 type
6. Appliqué – 3 type
7. Sequins /coins
8. Laces / ricrac

9. Trimmings and decorations (Tassels /fringes)

12UCDS01 NON-WOVEN AND TECHNICAL TEXTILES

UNIT- I

Non-woven – definition – classification - fibers used - web preparation - parallel laid - cross laid and random laid web preparation.

UNIT - II

Bonding – mechanical – thermal - chemical / adhesive. Production of melt blown and spun lace techniques.

UNIT – III

Technical Textiles – Introduction, definition, application, importance and end uses.

UNIT- IV

Geo textiles – Introduction, General properties and end uses. Industrial textiles- Introduction, General properties and end uses.

UNIT- V

Medical textiles – Introduction, General properties and end uses. Home textiles– Introduction, General properties and end uses.

REFERENCES

- Technical textiles-Anand and A.R.Horracks, Textile institute.
- Non-wovens - Arul Dahiya, MG Kamath, Raghavendra R Hedge and Monika Kannadnguli.
- Hand Book of Technical Textiles – A R Morrocks and S C Anand, wood Head publishing ltd, England 2000.
- non woven bonded fabrics – Lunenschloss J and W. Albrocht, Ellis Horwood, London 1985
- Geo textiles – NWM John, blackie London

12UCDSP02 FASHION ACCESSORIES AND ORNAMENTS PRACTICAL

CONSTRUCT AND DESIGN

1. Different shapes and kinds of
 - a) Handbags
 - b) Belts
 - c) Wallet
2. For Accessory making of design
 - a) Bracelets,
 - b) Bangles
 - c) Anklets
 - d) Chains – hip chain, neck chain
3. Ear ring & head hair ornaments with different models.
4. Make Bridle Set – 2 set

12UCDSP03 BEAUTY CARE PRACTICAL

Do the following experiments

1. Bleaching
2. Facial
3. Hair Remover- Threading, Waxing
4. Hair Style – any 3 styles
5. Hair Cut – any 3 styles
6. Hair Curl, Hair Straightening, Hair Coloring
7. Makeup – Face makeup, Bridal makeup, party makeup
8. Nail treatment – pedicure, manicure, nail art
9. Saree draping – any 3 styles
10. Training & visit one day beauty parlour

12UCDSP04 PORTFOLIO PRESENTATION PRACTICAL

Development and Presentation Technique for the following:-

1. Customer profile, customer story board, Inspiration Board, story board, Mood board, color board, fabric board, Accessories Board, Ornamental Board, Design Development. Final Presentation.
2. Window Display – on a particular theme festivals (any one)
3. Drawing from Photographs

12UCDSP05 NEEDLE CRAFT PRACTICAL

Make Samples for

1. Crochet - Samples – 2 – 4
2. Embroidery - the best used stitches of about 10
3. Drawn thread work - samples 2
4. Smocking - samples 4
5. Patch work
6. Appliqué - Samples 4-5

12UCDM01 FASHION MARKETING AND MERCHANDISING

UNIT I

Introduction to Merchandising, Fashion Marketing, Role of Merchandiser, types of merchandising, product development & product cycle. Domestic & Export Market Environment,.

UNIT II

Channels of Distribution. Pre- buying activity, fabric types, properties and behaviour, selection of fabric, quality requirements, quality problems.

UNIT III

Promotional Activities of Govt. Organization. International Market Environment. Buyers and Sellers Meet.

UNIT IV

Costing – Basic Costing, importance, types, merits & demerits; Domestic & Export Pricing, merits & demerits.

UNIT V

Advertising- scope, importance, types, merits & demerits; sales promotion, personal selling. Retail management.

REFERENCES

- Fashion Marketing, Mike Easey 1995, Oxford University press to Wynford Drive, Don Mills, Ontario.
- Introduction to Fashion Design, Patrick John Ireland, 1992, B.T Batsford Ltd., 583, Fullham Road, London.
- Fashion Design & Product development, Haroldcars/ John Pomeroy, 1992, Black Well Science, Inc., 238, Main Street, Cambridge.

12UCDM02 FASHION PHOTOGRAPHY

UNIT I

Photography – Principle – Indoor Photography – Needs and Method- Lighting Techniques – Methods and Equipments.

UNIT II

Photography Techniques and Equipment for different fields- Modeling – Newspaper - Magazines – Occasions – Fashion Shows.

UNIT III

Camera Definition- Parts of Camera – Classification and types of Camera- Applications – Disadvantages.

UNIT IV

Photography using Digital Cameras – Video Photography – Image Mixing – Application of Computers in Photography – Printing Techniques.

UNIT V

Out door photography – needs- Lighting Techniques – Methods and Equipments- Comparison of outdoor photography with Indoor Photography.

REFERENCE

- John Hedge, “Photography Course”, John Hedge C. 1992.

12UCDM03 TEXTILE AND GARMENT INDUSTRY MANAGEMENT

UNIT-I

Selection of land for textile and garment mills. Factors to be considered while selecting land.
Plant layout- product- process- compound. Material handling equipments.

UNIT-II

Types of building- single storey- multi storey – roof - RCC. Lighting and ventilation - air conditioning - power and lighting requirements - types of lamps.

UNIT-III

Humidification - relative humidity - working principles of humidification plant- heating.

UNIT-IV

Principles of management - process of management – planning - types and strategies, business organization - types of leadership- motivation- communication.

UNIT-V

Entrepreneurship – functions - starting a new industry - essentials of a successful center. Project – planning – formulation - appraisal.

REFERENCES

- Management in textile industry, the textile institute, Manchester, longman London 1989.
- Management in textile industry, Textile trade press, Ahmedabad 1981.
- Textile project management, The textile institute, 1992.
- Principles of management, Terry and Franklin, AITBS 2002.
- For entrepreneurs only, Harell, Career publications, New Jersey, 1995.

NON MAJOR ELECTIVE COURSES

12UCDN01 BEAUTY & BODY CARE

UNIT – I :-

BEAUTY CONCEPTS:-

Origin of beauty, Beauty terms, General equipments used in Beauty care. skin structure, skin types. Cleansers, Moisturizers, Hair removal.

UNIT – II :-

HAIR BASICS :-

Types of hair, common problems in hair, maintaining good condition of hair, kinds of oils and used for healthy hair.

UNIT –III :-

BODY MASSAGE :-

Complete massage plan- Sitting Position in Neck sequence, Throat, Face, Ears Sequence.
Complete massage plan- Lying Down Position in Neck sequence, Throat, Face, Ears Sequence.

UNIT – IV :-

HANDS & FEETS :-

Manicure - equipments used for hands maintenance, procedures. Pedicure –Equipment used for feets maintenance. Procedure

UNIT – V :-

BEAUTY CARE PRODUCTS :-

Natural oils, creams, face pack, soaps.

References:

- Herbal Beauty & Body Care by Reshmi
- Body massage by Eilean Bentley

12UCDN02 CONCEPTS OF FASHION

UNIT – I

Terms related to the fashion Industry – Fashion, style, fad, classic and collection, chic, custom made, mannequin, fashion, show, trend, forecasting, high fashion, fashion cycle, haute couture, couture, fashion director, fashion editor, line, knock-off, avant garde, buying house, apparel, fashion merchandising, pre-a-porter.

UNIT – II

Design – definition and types – structural and decorative design, requirements of a good structural and decorative design. Elements of design- line, shape or form, colour, size and texture. Selection and applications of trimmings and decorations. Fashion accessories – shoes, handbags, ties-different types.

UNIT – III

Principles of design: Balance - formal and informal, rhythm – through repetition, radiation and gradation, emphasis, harmony and proportion. Application of principles of design in a dress.

UNIT – IV

Colour – definition, colour theories – prang colour chart and munsell colour system, Dimensions & colour – hue, value and Intensity. Standard colour harmonies

UNIT – V

Designing dresses for unusual figures becoming and unbecoming for the following figure types. Stout figure, thin figure, slender figure, narrow shoulders, broad shoulders, round shoulders, large bust, flat chest, large hip, large abdomen, round face, large face, small face, prominent chin and jaw, prominent forehead.

REFERENCE:

- Fashion Sketch book – Bina Abling, fair child publications, New York ward robe.
- Strategies for women – Judith Rasband, Delmar publishers, London
- Textiles and their care – Susheela Dantyagi, 5th edition, orient Longman Ltd New Delhi.
- Inside the fashion business – Heannette A Jarrow etal marimilan publishing company, Newyark.
- Art and fashion in clothing selection – MC Jmsey and Harriet, Iowa State University Press Towa.

12UCDP08 PROJECT VIVA VOCE

1. Innovative and current topics should be selected by the students.
2. Students should submit their project with swatches and end uses.
3. Project should be evaluated by internal and external examiners.

Periyar University
B.Sc.- Costume Design & Fashion
QUESTION PAPER PATTERN
THEORY EXAMINATIONS

Time: 3Hours

Total Marks: 75 Marks

QUESTION PAPER PATTERN

Unit	Section-A	Section-B	Section-C
I	Q. 1, 2	Q. 11a, 11b	Q. 16
II	Q. 3, 4	Q. 12a, 12b	Q.17
III	Q. 5, 6	Q.13a, 13b	Q.18
IV	Q. 7, 8	Q.14a, 14b	Q.19
V	Q. 9, 10	Q.15a, 15b	Q.20

➤ Questions to be setted Unitwise in the above pattern only

SECTION A (10 X2 = 20)

ANSWER ALL THE QUESTIONS

SECTION B (5 X5 = 25)

Either or Choice

ANSWER ALL THE QUESTIONS

SECTION C (3 X10 = 30)

ANSWER ANY THREE QUESTIONS OUT OF FIVE

PRACTICAL EXAMINATIONS

Time: 3Hours

Total Marks: 60 Marks

SECTION A (1 X20= 20)

Either or Choice

ANSWER ANY ONE

SECTION B (1 X40 = 40)

Either or Choice

ANSWER ANY ONE

PERIYAR UNIVERSITY
MODEL QUESTION PAPER

12UCD01 BASIC GARMENT CONSTRUCTION

Course : I B.Sc., CDF

Semester: I

Time: 3hrs

TOTAL MARKS:75

SEC-A

10X2=20 Marks

Answer all Questions

1. Write about parts of sewing machine?
2. Explain about hemming.
3. Write about fullness.
4. Discuss about flounces.
5. Definition of opening.
6. Explain about packets.
7. Write about closures.
8. Define inconspicuous fasteners.
9. Write about sleeves.
10. What is Yoke?

SEC-B

5X5=25 Marks

Answer all Questions

- 11 a). Write about functions of single needle machine (Or)
- b). Explain about seams and seam finishes.
- 12 a). Write about types of pleats. (Or)
- b). Explain about facing and binding.
- 13 a). Discuss about types of plackets. (Or)
- b). Give an account of tailored plackets.
- 14 a) List out the types of conspicuous fasteners. (Or)
- b) Write about the definition for conspicuous fasteners.
- 15 a). List out the types of sleeves. (Or)
- b). Explain about types of Yoke.

SEC-C

3X10=30 Marks

Answer any three out of Five Questions

- 16 Describe in detailed about types and working of seams and seam finishes
- 17 Explain about types of darts in detailed with neat sketch.
- 18 Describe in detailed about characteristics of a good placket.
- 19 Discuss in detailed about conspicuous fasteners
- 20 Write briefly about types of sleeves with neat sketch

PERIYAR UNIVERSITY
12UCDP01 BASIC GARMENT CONSTRUCTION PRACTICAL
Course : I B.Sc., CDF **Semester: I**
MODEL QUESTION PAPER

Time 3hrs

TOTAL MARKS: 60
1X20=20 Marks

SEC-A

Answer all Questions

- 1a).Preparation of sample for facing and bindings.(Or)
- b).Preparation of sample for Placket and Fasteners.

SEC-B

1X40=40 Marks

Answer all questions.

- 2a).Preparation of sample for Seam of Seam finishes. (Or)
- b).Preparation of sample for collars.

PERIYAR UNIVERSITY
12UCDA01 FIBRE TO FABRIC

Course : I B.Sc., CDF

Semester: I

MODEL QUESTION PAPER

Time: 3 Hours

Maximum 75 Marks

SEC - A

10X2=20 Marks

Answer all the Questions

1. Define Fiber.
2. Mention any two Natural fibers.
3. Define manmade fibers.
4. Write about lycra.
5. What are the objectives of ginning?
6. What are the objectives of mixing?
7. What are the objectives of carding?
8. Write about ring frame.
9. Define Yarn.
10. Define shuttle loom.

SEC - B

5X5=25 MARKS

Answer all the Questions

11. a. Write short notes on physical and chemical properties of cotton.
(or)
b. Write short notes on physical and chemical properties of silk.
12. a. Give an account on chemical properties of viscose rayon.
(or)
b. Explain about spandex fiber.
13. a. Enumerate on knife roller gin with neat sketch.
(or)
b. Explain about Blow room process.
14. a. Give short notes on modern carding.
(or)
b. Discuss about Spinning.
15. a. Write the difference between yarn and thread.
(or)
b. Give short notes on simple and fanc yarn.

SEC - C

3X10=30 MARKS

Answer any three out of Five Questions

16. Explain in detail about classification of fibers
17. Describe about manufacturing process of viscose rayon.
18. Discuss in detail about working principle of blow room process with neat sketch.
19. Enumerate on working principles of draw frame with neat sketching.

20. Explain in detail about weft knitting machine.

PERIYAR UNIVERSITY
12UCDAP01 COMPUTER APPLICATION PRACTICAL
Course : I B.Sc., CDF

Semester: I

TOTAL MARKS: 60

Time 3hrs

SEC-A

1X20=20 Marks

Answer all Questions

- 1a) Prepare Browsing – E- mail for any one. (Or)
- b) Prepare coral draw of garment designing with their tools.

SEC-B

1X40=40 Marks

Answer all Questions

- 2a) Prepare word processing – Excel and Powerpoint. (Or)
- b) Prepare photoshop – tools and garment styling, colouring and designing.

PERIYAR UNIVERSITY
MODEL QUESTION PAPER
12UCD02 SEWING TECHNOLOGY

Course : I B.Sc., CDF
TIME: 3Hrs

Semester: II
MAX.MARK: 75

SECTION - A

10X2=20 MARKS

ANSWER ALL QUESTIONS

1. Explain – Sewing system
2. Write about Sewing machine needles.
3. What is bobbin?
4. What are the uses of bar tacking machine in apparel industries?
5. How preparation of sewing machine before stitching?
6. Write about any three common problems of sewing machine and its remedies.
7. Explain – knife roller machine
8. Write about spreading methods in garment industries.
9. Explain – some basic hand stitches
10. What is twisting process in yarns?

SECTION – B

5X5=25 MARKS

ANSWER ALL QUESTIONS

11. a) Explain – History of sewing machine (Or)
b) Explain – Function of sewing machine
12. a) Write about flat lock machine (Or)
b) Write the notes about any five parts of sewing machine
13. a) Write about measuring tools (Or)
b) Explain – method of pattern making
14. a) Write about care of sewing machine (Or)
b) Write about maintenance of sewing machine.
15. a) Explain – selection of sewing threads (Or)
b). Explain – machine stitches

SECTION – C

10X3=30 MARKS

ANSWER ANY THREE QUESTIONS

16. Draw the over lock machine and explain the parts of machine
17. How do you find the sewing machine problems? Write the common sewing machine problems and its remedies
18. Write about Spreading equipments and their methods
19. Explain - the manufacturing process of sewing threads
20. Write the notes on attachments used to sewing machine

**PERIYAR UNIVERSITY
MODEL QUESTION PAPER**

12UCDA02 HISTORIC COSTUMES AND TEXTILES

Course : I B.Sc., CDF

Semester: II

TIME: 3Hrs

MAX.MARK: 75

**SECTION - A
ANSWER ALL QUESTIONS**

10X2=20 MARKS

1. Define cutting.
2. Write about tattooing.
3. List out the accessories used in Greece country?
4. What are the material used in srilanka?
5. What kind of head accessories used at 18th century?
6. List out the civilization of people at 20th century?
7. What are the costumes used in French countries?
8. What are the accessories used in French countries?
9. Define dacca muslin.
10. List out the varieties of dyeing and printing?

**SECTION – B
ANSWER ALL QUESTIONS**

5X5=25 MARKS

11. a) Explain about the beginning of costumes at early period.
(Or)
b) Explain the costumes of rajasthan with accessories and ornaments.
12. a) Write about the costumes of Pakistan.
(Or)
b) Write the short notes on civilization of sri lanka.
13. a) Write about the costumes used in north America.
(Or)
b) Explain about the costumes used in south America.
14. a) Write about the mens costume of French.
(Or)
b) Write about the womens costume of French.
15. a) Give short notes on jamdhani and kashmiri shawls.
(Or)
b). Explain about himrus and amrus.

**SECTION – C
ANSWER ANY THREE QUESTIONS**

10X3=30 MARKS

16. Explain in detail about traditional costumes of different states of India.
17. Enumerate on costumes of far eastern countries.

18. Write about costumes of America.
19. Explain in detail about costumes of French.
20. Write in detail about traditional woven textiles and printing techniques.

**PERIYAR UNIVERSITY
MODEL QUESTION PAPER**

12UCDAP02 FASHION SKETCHING PRACTICAL

Course : I B.Sc., CDF

**Semester: II
TOTAL MARKS: 60
1X20=20**

**Time 3hrs
Marks**

SEC-A

Answer all Questions

- 1 a) Prepare the illustrate for stick and block figures three figures. (Or)
- b). Prepare different types of lines and checked effects in a shirt.

1X40=40

SEC-B

Answer all Questions

- 2 a) Prepare and Illustrate fashion figure 8 ½ , 10 ½ and 12 ½ head theory. (Or)
- b). Prepare and illustrate croquets – 3 figures.

**PERIYAR UNIVERSITY
MODEL QUESTION PAPER
12UCD03 PATTERN MAKING**

Course : II B.Sc., CDF

**Semester: III
TOTAL MARKS: 75
10X2=20 Marks**

SEC-A

Answer all Questions

1. What is pattern making?
2. Write about body measurements.
3. Explain about drafting.
4. Write about draping.
5. Discuss about fitting.
6. Write about principles of fitting.
7. Define pattern layout.
8. Discuss about fabric cutting in pattern layout.
9. Define pattern alteration.
10. Explain about pattern grading.

SEC-B

5X5=25 Marks

Answer all Questions

- 11 a). Write about importance of body measurement (Or)
b). Explain about standardizing body measurements.
- 12 a). Write about methods of pattern making.(Or)
b). List out the types of paper pattern used.
- 13 a). Write short notes about standards of good fit. (Or)
b). Explain about the checking fit of a blouse.
- 14 a). Explain the rules in pattern layout. (Or)
b) List about methods of layout.
- 15 a). Explain the importance of altering patterns.(Or)
b). Write about principles of pattern alteration.

SEC-C

Answer any three out of Five Questions

3X10=30 Marks

- 16 Describe in detailed about measurements for ladies with neat sketch
- 17 Describe in detailed about principle of pattern drafting.
- 18 Explain briefly about steps in fitting techniques
- 19 Discuss about layout for length wise, striped design, bold designs with example in detailed.
- 20 Explain in detailed about common pattern attraction in a blouse

PERIYAR UNIVERSITY
MODEL QUESTION PAPER
12UCDP02 DESIGNING AND MANUFACTURING CHILDREN'S APPAREL
PRACTICAL

Course : II B.Sc., CDF
TOTAL MARKS: 60

Semester: III
Time 3hrs

SEC-A (1X20=20 Marks)
Answer all Questions

1. a) Design, draft and contrast the garment bib with Variation in outline shape.
(Or)
- b) Construct the boy's shirt open collar with draft.

SEC-B (1X40=40 Marks)

Answer all question

2. a) Design, draft and construct the romper with given features knicker with chest piece attached. (Or)
- b) Construct the yoke with given features.
 - i) Yoke
 - ii) With sleeve
 - iii) Gathered, flared
 - iv) Flared, with or without collar.

**PERIYAR UNIVERSITY
MODEL QUESTION PAPER**

12UCDA03 FASHION AND CLOTHING PSYCHOLOGY

Course : II B.Sc., CDF

Semester: III

Time: 3hrs

Max Marks: 75

Sec – A

10x2=20 Marks

Answer all Questions

1. Explain about origin of fashion
2. Write about boutique
3. Write about reason change for in fashion
4. Explain about sex appeal
5. Discuss about fashion industry
6. Write about production in fashion.
7. List the centres of fashion in world.
8. List the fashion designers of India.
9. What is style?
10. Explain about custom made design.

Sec – B

Answer all questions

5x5 = 25 Marks

11. a) Explain about definition of feed and style (Or)
b) Write about terms related to fashion industry of mannequin.
12. a) Write short notes about development of personal identify. (Or)
b) Explain about temperate variation in fashion.
13. a) Write about promotion related (Or)
b) Discuss about organization as a business in fashion industry.
14. a) Write about fashion abroad and in India. (Or)
b) Explain well known designers of far east.
15. a) Explain about display techniques. (Or)
b) Write about reading of readymade magazines.

Sec – C

Answer any three out of Five Questions

3x10=30 Marks

16. Write briefly about fashion shows.
17. Discuss briefly about social psychology of fashion.
18. Explain briefly about creation of fashion design in fashion industry.
19. Write briefly about well known designers of Europe
20. Discuss briefly about setting up Boutique as a business.

**PERIYAR UNIVERSITY
MODEL QUESTION PAPER**

12UCDSP01 SURFACE EMBELLISHMENT PRACTICAL

Course : II B.Sc., CDF
TIME: 3 Hrs

Semester: III
MAX.MARK: 60

SECTION - A
ANSWER ALL QUESTIONS

1X20=20 MARKS

1. a). Preparation of samples for printing design (Or)
- b) Preparation of samples for embroidery design

SECTION - B
ANSWER ALL QUESTIONS

1X40=40 MARKS

2. a). Preparation of samples for quilting and patch work combination (Or)
- b) Preparation of samples for painting on fabric with good design

PERIYAR UNIVERSITY
12UCDP03 EMBROIDERY AND SURFACE DECORATIONS PRACTICAL
Course : II B.Sc., CDF
MODEL QUESTION PAPER

Semester: IV

TOTAL MARKS: 60

Time 3hrs

SEC-A
Answer all Questions

1X20=20 Marks

- 1 a) Make the samples for appliqué. (Or)
- b) Prepare the samples for Zardosi work

SEC-B
Answer all Questions

1X40=40 Marks

- 2 a) Prepare the samples for hand embroidery 5 stitches. (Or)
- b) Prepare the samples of smocking – types.

PERIYAR UNIVERSITY
MODEL QUESTION PAPER
12UCDP04 TEXTILE TESTING PRACTICAL

Course : II B.Sc., CDF

Semester: IV
TOTAL MARKS: 60

Time 3hrs

SEC-A
Answer all Questions

1X20=20 Marks

1. a) To identify the given fibres by using microscopic test.(Or)
- b). To identify the given fibres by solubility test.

SEC-B
Answer all questions.

1X40=40 Marks

- 2 a). To calculate the bursting strength for given fabric. (Or)
- b). To calculate the single yarn strength for given yarn.

PERIYAR UNIVERSITY
MODEL QUESTION PAPER
12UCDA04 TEXTILE PROCESSING AND TESTING

Course : II B.Sc., CDF

Semester: IV

Time: 3 Hours

Maximum 75 Marks

SEC - A

(10X2=20 Marks)

Answer all the Questions

1. Write about Acid desizing
2. Explain the methods of enzymatic desizing
3. What are the chemicals used for mercerization process.
4. List of the fiber removed in singeing process.
5. Write the properties soda as using reacting dye
6. What are the dyes directly applied to cotton material.
7. Define term M:L ratio
8. Define term Printing
9. Discuss sanforising.
10. Write about colour fastness

SEC-B

(5X5= 25 MARKS)

Answer all the Questions

11. a) What are the objects of desizing & its methods? (or)
b) Explain detail about role of enzymes in the prep rating process.
12. a) Explain about stripping procedure for reactive dyes. (or)
b) Define the term: i) Affinity ii) substantively iii) Mil ratio
13. a) Write short notes on block printing.
(i) Preparation of table (ii) Preparation of print paste (or)
b) What are the advantages of stencil printing?
14. a) Briefly explain about stiffening agent (or)
b). Write short notes on chemical finishing
15. a) Write down the sequence of computer colour matching method. (or)
b. Write short notes on eco friendly chemical finishing

SEC - C

(3X10= 30 MARKS)

Answer any three out of Five Questions

16. Explain in detail about continuous bleaching process in neat sketch.
17. Discuss briefly about Reactive dyeing process.
18. Explain with suitable diagram for types squeezing systems for rotary screen printing
16. Describe the working principle of sanforinzing process
20. What are the working principles of computer colour matching.

**PERIYAR UNIVERSITY
MODEL QUESTION PAPER**

12UCDAP03 TEXTILE PROCESSING PRACTICAL

Course : II B.Sc., CDF

Semester: IV

TOTAL MARKS: 60

Time 3hrs

1X20=20 Marks

SEC-A

Answer all Questions

- 1.a) To calculate the size remove percentage in grey cotton fabric.(Or)
- b) To bleach the cotton fabric with universal bleaching agent.

SEC-B

1X40=40 Marks

Answer all questions.

- 2a). Dying of wool with acid dyes. (Or)
- b). By using at reactive dyes, printing at cotton fabric on direct style.

PERIYAR UNIVERSITY

MODEL QUESTION PAPER

12UCDS01 NON WOVEN AND TECHNICAL TEXTILES

Course : II B.Sc., CDF

Semester: IV

Time 3 hrs

SEC – A

**Total – 75 Marks
2x10 = 20 Marks**

Answer all Questions

1. Define non-woven.
2. List out the fibers used for non-woven.
3. Define bonding.
4. What are the chemicals used for chemical bonding?
5. What do you mean by technical textile?
6. List out some end uses for technical textile.
7. What do you mean by geo-textile?
8. What are the benefits of geo-textile?
9. Define medical textile.
10. What do you mean by home textile?

SEC – B

5x5= 25 Marks

Answer all Questions

11. a. Write short notes on parallel laid.
(or)
b. Give short notes on random laid web preparation.
12. a. Give an account on thermal bonding.
(or)
b. Write about spun lace techniques.
13. a. Write short notes on classification of technical textile.
(or)
b. Enumerate on importance of technical technical.
14. a. Write briefly about end uses of geo-textile.
(or)
b. Explain about the merits and demerits of industrial textile.
15. a. Give short notes on implantable and non-implantable of medical textile.
(or)
b. Give short notes on curtains and draperies.

SEC – C

3x10= 30 Marks

Answer any three out of Five Questions

16. Explain in detail about non-woven and its classification.
17. Write in detail about bonding and its types.
18. Discuss in detail about technical textile.
19. Describe about Industrial textile.
20. Explain in detail about home textile.

PERIYAR UNIVERSITY
MODEL QUESTION PAPER
12UCD04 CLOTHING CARE

Course : III B.Sc., CDF

Time: 3hrs

Semester: V

TOTAL MARKS: 75

10X2=20 Marks

SEC-A

Answer all Questions

1. Write about Laundry.
2. Explain about types of Iron.
3. What is hard water.
4. Write about detergents.
5. What is stiffening agents.
6. What is solvents.
7. Explain about kneading.
8. Write about calendaring care.
9. Explain about dry cleaning.
10. Write about stain removal

SEC-B

5X5=25 Marks

Answer all Questions

- 11 a) Explain about types of laundry equipments. (Or)
b).Write about drying equipments.
- 12 a) Explain about methods of softening water. (Or)
b) Write about merits and demerits of detergents.
- 13 a) Explain about preparation of starch (Or)
b).Explain about laundry blues and their application.
- 14 a).Write about laundry principles (Or)
b).Write short notes about damping.
- 15) a).Discuss about types of dry cleaning. (Or)
b)Give an account of general rules and ways of stain removal.

SEC-C

3X10=30 Marks

Answer any three out of Five Questions

- 16 Explain in detailed about types of equipments with next sketch.
- 17 Explain briefly about properties and types of soap.
- 18 Explain about types of bleaching agents in detailed
19. Explain the classification of strain removal
20. Write in detailed about laundering of different fabrics.

PERIYAR UNIVERSITY
MODEL QUESTION PAPER
12UCD05 APPAREL QUALITY ASSURANCE

Course : III B.Sc., CDF

Semester: V

Time: 3hrs

TOTAL MARKS: 75

10X2=20 Marks

SEC-A

Answer all Questions

1. What is quality control?
2. Explain AQL standards.
3. Discuss about defects.
4. Write about minor defects.
5. Explain about ISO 9000.
6. Explain TQM.
7. Write about accessories used for testing.
8. Explain about skewness
9. Write about warehousing.
10. Explain about packing.

SEC-B

5X5=25 Marks

Answer all Questions

- 11 a). Explain quality control (Or)
b) Write about 10 point system in quality control
- 12 a). Write short notes about fabric defects (Or)
b). Explain about securing defects.
- 13 a). What are the tools used in TQM?
b). Write about SA 8000.
- 14 a). Discuss about the accessories Elastics?
b). Explain about shrinkage
- 15 a). Write about quality assurance in security department (Or)
b). Discuss about shipping.

SEC-C

3X10=30 Marks

Answer any three out of Five Questions

- 16 Write briefly about raw material inspection
- 17 Write brief notes about cause and major defects in fabric.
- 18 Write briefly about concepts of Eco-tex.
- 19 Explain briefly about testing on dimensional stability.
- 20 Write about application of quality assurance programming in cutting department.

PERIYAR UNIVERSITY
MODEL QUESTION PAPER
12UCD06 GARMENT FINISHING

Course : III B.Sc., CDF

Semester: V

Time: 3hrs

Max Marks: 75

Sec – A

10x2=20 Marks

Answer all Questions

1. What is finishing?
2. Write two types of finish.
3. Explain rein finish
4. Write about soil release.
5. Write about furring
6. Explain about pressing
7. Write about finish
8. Explain about store wash finish
9. What is HT / HP
10. Explain Hydro Extractor

SEC – B

Answer all questions

(5x5= 25 Marks)

- 11.a) Write short notes about finishing. (Or)
- b) Explain about type of finishing.
- 12.a) Write about water repellent finish with their process. (Or)
- b) Explain about Water process and their recipe.
13. a) Explain about requirement for furring. (Or)
- b) Write short notes about processing.
- 14.a) Write about stiff finish process. (Or)
- b) Explain about Antimildew finish process of recipe.
- 15.a) Write about the equipment rotary drum waster (Or)
- b) Give short notes about Tumble drier

Sec – C

Answer any three out of Five Questions

3x10=30 Marks

16. Describe in detailed about classification of finisher.
17. Give an account of antimicrobial finish process of recipe in detailed
18. Discuss in detailed about types and method of fusing.
19. Describe in detailed about silicone finishing.
20. Describe in detailed about steam pressing machine.

**12UCDP05 DESIGNING AND MANUFACTURING WOMEN'S APPAREL
PRACTICAL
MODEL QUESTION PAPER**

Course : III B.Sc., CDF

**Semester: V
TOTAL MARKS: 60**

Time 3hrs

SEC-A

1X20=20 Marks

Answer all Questions

- 1 a) Design and draft middi with variation in panel.(Or)
- b) Construct the salwar with gathered waist with tape or elastic and bottom design.

SEC-B

1X40=40 Marks

Answer all Questions

- 2 a) Design, draft and construct Maxi with fashioned neck and attaching trimmings. (Or)
- b) Design, draft and construct kameez with fashioned neck, variation in sleeve.

**PERIYAR UNIVERSITY
MODEL QUESTION PAPER**

12UCDM01 FASHION MARKETING AND MERCHANDISING

Course : III B.Sc., CDF

Semester: V

Time 3 hrs

Total Marks-75

SEC – A

10 x 2 = 20 Marks

Answer all Questions

1. What is merchandising.
2. Explain product cycle.
3. Define distribution.
4. Define Quality.
5. List out the Promotional Activities.
6. write about AQM
7. What is cost?
8. Explain retailing.
9. What is export.
10. Explain domestic market.

SEC –B

5 X 5 = 25 Marks

Answer all Questions

11. a) Explain about role of merchandiser. (or)
b) Write about product development.
12. a) Write short notes about channels of distribution. (or)
b) Explain about quality requirements in distribution.
13. a) Explain about Apparel products. (or)
b) Write about style Development.
14. a) Explain the scope of retailing.
b) Write about types of retailing.
15. a) Explain about basic costing (or)
b) Write about GATT.

SEC – C

3x10 =30 Marks

Answer any three out of Five Questions

16. Write briefly about domestic and International Marketing.
17. Explain in detailed about garment construction, selection of fabric and quality Problems.
18. Discuss in detailed about Buyers and sellers Meet.
19. Write briefly about Retail Management in detailed.
20. Describe in detailed about geotextiles briefly in marketing.

**PERIYAR UNIVERSITY
MODEL QUESTION PAPER**

12UCDSP02 FASHION ACCESSORIES AND ORNAMENTS PRACTICAL

Course : III B.Sc., CDF

Semester: V

Time: 3hrs

Marks: 60

1x20=20

Sec – A

Answer all Questions

1. a) Design and construct different types of ties. (Or)
- b) Explain about accessory making of Anklets (or) Bracelets.

Sec – B

Answer all Questions

1x40 = 40

2. a) Design and construct handbags (Or)
- b). Accessory making of Chains.

**PERIYAR UNIVERSITY
12UCDSP03 BEAUTY CARE PRACTICAL**

Course : III B.Sc., CDF

Semester: V

MODEL QUESTION PAPER

TOTAL MARKS: 60

Time 3hrs

SEC-A

1X20=20 Marks

Answer all Questions

- 1 a) Do skin massage for dry skin (Or)
- b) Do face bleach of creams for pimples and rashes.

SEC-B

1X40=40 Marks

Answer all Questions

- 2 a) Prepare hair styles with 3 different ways. (Or)
- b) Prepare one type of bride makeup.

PERIYAR UNIVERSITY
MODEL QUESTION PAPER
12UCD07 CAD IN TEXTILE AND FASHION

Course : III B.Sc., CDF

Semester: VI

Time 3 hrs

Total: 75 Marks

SEC – A

2x 10 = 20 Marks

Answer all Questions

1. What is computer?
2. Write about CPU
3. List the process involved in computer application.
4. Define color reduction.
5. Explain about design creation.
6. Write about fashion studio.
7. What is pattern making?
8. Define pattern grading.
9. Write about embroidery knit.
10. Explain about embroidery in computer.

SEC – B

5 x 5 = 25 Marks

Answer all Questions

11. a) Explain about organization of computer. (or)
b) Explain about Input output unit.
12. a) Write short notes about simulation techniques in printing (or)
b) Explain about spot designs in weaving.
13. a) Write about there rendering. (or)
b) Discuss about design studio.
14. a) Explain about marker planning. (or)
b) Write short notes about labeling.
15. a) Explain about computerized Integrated Manufacturing. (or)
b) Write about computerized merchandising.

SEC - C

3X 10 = 30 Marks

Answer any three out of Five Questions

16. Describe in detailed about central processing unit.
17. Give an brief account of computer applications in printing and its techniques
18. Describe in detailed about computer application in fashion designing.
19. Describe in detailed about computer application in pattern making.
20. Write about the study of computer aided manufacturing in detailed.

PERIYAR UNIVERSITY
MODEL QUESTION PAPER
12UCDP06 CAD IN TEXTILE AND FASHION PRACTICAL
Course : III B.Sc., CDF

Semester: VI
TOTAL MARKS: 60
1X20=20 Marks

Time 3hrs

SEC-A

Answer all Questions

- 1 a). Create a design suitable for printed design. (Or)
b). Create a design suitable for jacquard design

1X40=40 Marks

SEC-B

Answer all Questions

- 2 a) Design a garment for children, women and Men. (Or)
b) Create a pattern, grade and prepare a marker plan for children, men and women's garment.

PERIYAR UNIVERSITY
12UCDP07 DESIGNING AND MANUFACTURING MEN'S APPAREL
PRACTICAL

Course : III B.Sc., CDF

Semester: VI

MODEL QUESTION PAPER

TOTAL MARKS: 60
1X20=20 Marks

Time 3hrs

SEC-A

Answer all Questions

- 1a) Construct the following garment S.B.Vest with / without collar, No sleeve, fancy button.
(Or)
b) Design and construct the pyjama with waist at elastic / tape attached, fly.

SEC-B

1X40=40 Marks

Answer all Questions

- 2a) Design, draft, and construct pleated trousers with pleat in front, darts and back, side pocket, fly.
(Or)
b). Design, draft construct kalidhar kurtha with kali piece, side pocket, round necks, half open.

PERIYAR UNIVERSITY
MODEL QUESTION PAPER
12UCDM02 FASHION PHOTOGRAPHY

Course : III B.Sc., CDF

Semester: VI

Time 3 hrs.

Total Marks – 75

10x2=20 Marks

Answer all Questions

1. What is photography?
2. Explain principles of photography.
3. Explain the tools of photography.
4. List out the equipments used in different fields.
5. Define camera.
6. Define demerits of camera.
7. Explain about digital camera.
8. List out the printing Techniques.
9. Discusses the needs of outdoor photography.
10. Explain Indoor photography.

SEC – B

5 X 5 = 25 Marks

Answer all Questions

11. a) Explain about Indoor photography. (or)
b) Write about lighting techniques.
12. a) Discusses about photography techniques in modeling. (or)
b) Explain about fashion shows.
13. a) Write about the parts of camera. (or)
b) List out the classification of camera
14. a) Explain about video photography (or)
b) Write about Image Mixing.
15. a) Discuss about outdoor photography and then lighting techniques. (or)
b) List out the methods of outdoor photography.

SEC – C

3X10 = 30 Marks

Answer any three out of Five Questions

16. Describe in detailed about needs and methods of techniques in photography.
17. Explain about the photography techniques used in newspaper and occasions in detailed.
18. Explain about types of camera in detailed with neat sketch.
19. Describe in detailed about photography using digital camera.
20. Discuss in detailed about equipments used for outdoor photography.

PERIYAR UNIVERSITY
MODEL QUESTION PAPER
12UCDM03 TEXTILE AND GARMENT INDUSTRY MANAGEMENT

Course : III B.Sc., CDF

Semester: VI
TOTAL MARKS: 75
10X2=20 Marks

SEC-A

Answer all Questions

1. Explain about textile.
2. Write about garment industry.
3. List out the types of building.
4. Explain about ventilation.
5. Write about humidity.
6. Explain about electrical supply.
7. What is management?
8. List out the types of leadership.
9. Define entrepreneurship.
10. Explain about project.

SEC-B

5X5=25 Marks

Answer all Questions

- 11 a). Discuss about selection of land for textile and garment mills (Or)
b). What are the factors to be considered while selecting the land.
- 12 a). Explain about building varieties (Or)
b). Write about types of lamps.
- 13 a). Explain about relative humidity (Or)
b). Write short notes about power house.
- 14 a) Explain about principles of management (Or)
b). Write about types and strategies of management.
- 15 a). Write about functions of entrepreneur (Or)
b). Explain about essentials of a successful center

SEC-C

3X10=30 Marks

Answer any three out of Five Questions

- 16 Describe in detailed about plant layout
- 17 Write in detailed about lighting and Ventilation
- 18 Write about working principles of humidification about
- 19 Describe in detailed about process of management
- 20 Explain about starting a new industry in detailed

PERIYAR UNIVERSITY

MODEL QUESTION PAPER

12UCDSP04 PORT FOLIO PRESENTATION PRACTICAL

Course : III B.Sc., CDF

Semester: VI

TOTAL MARKS: 60

Time 3hrs

SEC-A

1X20=20 Marks

Answer all Questions

- 1 a) Develop and present mood board and story board. (Or)
- b) Explain about final presentation.

SEC-B

1X40=40 Marks

Answer all Questions

- 2 a). Prepare drawing from photographs and design development (Or)
- b) Fashion show production with a theme – one collection to be designed and produced.

PERIYAR UNIVERSITY

12UCDSP05 NEEDLE CRAFT

Course : III B.Sc., CDF

Semester: VI

MODEL QUESTION PAPER

TOTAL MARKS: 60

Time 3hrs

SEC-A

1X20=20 Marks

Answer all Questions

- 1 a) Prepare any two samples for crochet / tatting (Or)
- b) Prepare any two samples for drawn thread work.

SEC-B

1X40=40 Marks

Answer all Questions

- 2 a). Prepare embroidery samples for the best used sketches of about 10.
- b) Prepare 4 samples for making with patch work/ appliqué.