

2MJ23

J & K BOARD OF TECHNICAL EDUCATION

ROLL No: 29990

Class: - 2<sup>nd</sup> Semester (NEP)

Branch: -TEXTILE DESIGN

Subject: - ART APPRECIATION IN INDIAN TRADITIONAL TEXTILE DESIGN

Max. Marks: - 100

Time Allotted: - 3-Hrs

Note: There are THREE sections in the paper A, B, and C.

- I. Answer all the 10 parts of the question in Section -A. Each part carries Two mark and all the 10 parts have objective type questions.
- II. Answer any 4 questions out of 8 questions in Section -B. Each question carries 05 marks.
- III. Answer any 4 questions out of 8 questions in Section -C. Each question carries 15 marks.
- IV. Solve all the question of a section consecutively together.

Section A (10x2=20 marks)

Q1. Multiple choice questions

1. .... is a type of Phulkari which made as an offering or bhet (Presentation)
2. .... is one of the most traditional embroidery style from Lucknow
3. The word Bandhanimeans .... Which means "ties"
4. .... Embroidery is famous in Kashmir
5. Kashmir is famous for Ikat (True / False)
6. Phul means in Phulkari  
A. Flower B. Bird C. Akari D. None of above
7. .... is popular among men and women in Jammu and Kashmir.  
A. Toto B. Pheran C. Wool D. Kasuti
8. Kalamkari is done with .....  
A. Cone B. Brush C. Stencil D. Pen
9. Patalo is a ..... dyed silk saree from Gujarat.  
A. Batik B. Tie C. Resist D. Object
10. Bhandani is also called as .....  
A. Ikat B. Choonaris C. Pathani D. Patola

Section B (Attempt any four) (4x5=20 Marks)

- Q1. Define colours of Phulkari of Punjabi?
- Q2. Which embroidery is famous in Kashmir?
- Q3. Most common Motifs used in Chikenkari are and define with their drawing in 4" x4" block
- Q4. What are the technique used for tie-dye of Bandhani?
- Q5. Define in short any one



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- A. Tangail
- B. Jamdani
- C. Phulkari

Q6. Define the construction techniques of any one of the following

- A. Kalamkari
- B. Bandhani
- C. Baluchar
- D. Madhubani

Q7. How Many types of Balucharsaree are there??

Q8. Write the motifs and colour used in (Anyone)

- A. Ikat
- B. Patola
- C. Kashmir embroidery
- D. Madhubani

Section C (Attempt any four) (4x15=60 Marks)

Q1. Explain in details the beauty of Punjab Phulkari?

Q2. Draw the motif of Bandhani using stretch colors in 4"x4" block

Q3. Define the colours and historical significance of Bandhani?

Q4. Define the construction technique and colours of Kashmir embroidery.

Q5. What are the types, motifs and style used in Phulkari embroidery.

Q6. What are the colours and motifs used in Balucharsarees.

Q7. Draw the motifs of Phulkari and explain the style of Balucharisaree?

Q8. What are the construction technique and historical significant of the following (Do any One)

- A. TangaliSaree
- B. Kalamkari
- C. Chikenkari



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**ROLL No: \_\_\_\_\_**

**Class: - 2<sup>nd</sup> Semester (NEP)**

**Branch: - TEXTILE DESIGN**

**Subject: - TEXTILE PROCESS -II**

**Max. Marks: - 100**

**Time Allotted: - 3-Hrs**

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**Section A (10x2=20 marks)**

Q.1 Define Polymer?

Q.2 What is degree of polymerization?

Q.3 What is addition polymerization?

Q.4 What is condensation polymerization?

Q.5 Degree of polymerization of Polyester is

- a) 250      b) 300      c) 100

Q.6 Degree of polymerization of Nylon 66 is

- a) 250      b) 300      c) 200

Q.7 Acrylic fibre is generally produced by

- a) Melt Spinning      b) Dry Spinning

Q.8 Viscose rayon is generally produced by

- a) Melt Spinning      b) Dry Spinning

Q.9 Dimensional stability is induced in synthetic fibre by

- a) Heat Setting      b) Drawing      c) Texturizing      d) None of these

Q.10 DMT and MEG are used as monomers in

- a) Nylon 6      b) Acrylic      c) Polypropylene      d) None of these

**SECTION B (Attempt any four) (4x5=20Marks)**

Q.1 Give the objectives of spin finishes?

Q.2 Give the objectives of drawing process?

Q.3 Write note on tyre cord yarn?

Q.4 Give the merits of synthetic fibre over natural fibre?

Q.5 Discuss the objectives of heat setting of synthetic fibre?

Q.6 Give the merits of melt spinning process?

Q.7 What are the different types of non-woven fabrics?

Q.8 Give the flow sheet of manufacturing of viscose rayon?



**J & K BOARD OF TECHNICAL EDUCATION****2MJ23****ROLL No: \_\_\_\_\_****SECTION C (Attempt any four) (15x4=60 Marks)**

- ~~Q.1~~ What is twist and Discuss different types of cross wound packages?
- ~~Q.2~~ Compare melt spinning, dry spinning and wet spinning process?
- Q.3 Discuss the manufacturing of polyester fibre?
- Q.4 Discuss the solidification of filament in melt, dry and wet spinning?
- ~~Q.5~~ Discuss the manufacturing of acrylic fibre?
- Q.6 Discuss manufacturing of viscose rayon fibre?
- ~~Q.7~~ Discuss the manufacturing of polypropylene fibre?
- Q.8 Discuss the effect of spin stretch on the properties of final fibre?



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Code**J & K BOARD OF TECHNICAL EDUCATION****2MJ23****ROLL No: \_\_\_\_\_****Class: - 2<sup>nd</sup> Semester (NEP)****Branch: - TEXTILE DESIGN****Subject: - TEXTILE PROCESS -II****Max. Marks: - 100****Time Allotted: - 3-Hrs****Note: There are THREE sections in the paper A, B, and C.**

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Steeping

Shedding

## Aging

Xanthanion.

Rippling

### Preparation of spinning solution

## Filteration

Spinning.



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**ROLL No: 29990**

**Class: - 2<sup>nd</sup> Semester (NEP)**

**Branch: - TEXTILE DESIGN**

**Subject: - STRUCTURAL FABRIC DESIGN-I**

**Max. Marks: - 100**

**Time Allotted: - 3-Hrs**

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**Section A (10x2=20 marks)**

**Q1. Multiple Choice Questions**

Q.1 If the regular twill weave is (3/1) then it is

- a) Warp face twill weave      b) Weft face twill weave  
c) Neither Warp nor weft face      d) None of these

Q.2 If the regular twill weave is (1/5) then it is

- a) Warp face twill weave      b) Weft face twill weave  
c) Neither Warp nor weft face      d) None of these

Q.3 This weave produces cell like structure on the fabric surface

- a) Honey Comb Weave      b) Mockleno Weave  
c) Crepe Weave      d) None of these

Q.4 This weave produces open net like structure

- a) Honey Comb Weave      b) Mockleno Weave  
c) Crepe Weave      d) None of these

Q.5 The repeat size of Diaper Weave (2/1, 1/2) is

- a) 12 x 12      b) 14 x 14  
c) 16 x 16      d) None of these

Q.6 The repeat size of pointed twill Weave (2/1, 1/2) is

- a) 12 x 6      b) 14 x 6  
c) 6 x 16      d) None of these

Q.7 The numbers of heald shaft required in 6 end irregular Sateen weave

- a) 6      b) 8      c) 9      d) None of these

Q.8 The repeat size of combined twill Weave (2/1, 1/2) is

- a) 6 x 6      b) 8 x 6  
c) 6 x 9      d) None of these

Q.9 This weave produces most lustrous type of fabric

- a) Plain      b) Twill



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c) Satin

d) None of these

Q.10 In Brighton honey comb weave the repeat size must be multiple of

a) 8

b) 4

c) 9

d) None of these

## SECTION B (Attempt any four) (4x5=20Marks)

Q.1 Construct a 6-end regular Satin weave.

Q.2 Construct a design of Pointed (2/1, 1/2) twill.

Q.3 Construct a design of matt/ hopsack of 8x8 repeat size

Q.4 Give graphical design of warp rib weave irregular of any repeat size.

Q.5 What are the different types of draft and their suitability?

Q.6 Give the characteristics of Satin and Sateen weave?

Q.7 Construct huck-a-back weave of 10x10 repeat size.

Q.8 Construct Pique structure of any repeat size?

## SECTION C (Attempt any four) (15x4=60 Marks)

Q.1 Give the design, drafting plan, lifting plan of a Self Stitched double cloth with the following specifications:

Face Weave - 4/4 Twill

Back Weave - 4/4 Twill

Face: Back - 1:1

Stitching - By Raising Back ends on face pick

Q.2 Give the design, drafting plan and lifting plan of a weft wadded and warp backed cloth using 4/4 twill weave?

Q.3 Give the design, drafting plan and lifting plan of a weft backed cloth with the following specifications:

Face Weave - 4/1 twill

Face: Back - 1:1

Q.4 Give the design, drafting plan and lifting plan of Wadded Bedford cord weave of 20x4 repeat size?

Q.5 Give the design, drafting plan and lifting plan of Brighton honey comb weave of any repeat size?

Q.6 Give the design, drafting plan and lifting plan of Mockleno weave of any repeat size?

Q.7 Give the design, drafting plan and lifting plan of Ordinary welt weave of any repeat size?

Q.8 Give the design, drafting plan and lifting plan of 8-end irregular satin weave?