S.No. 5019 16 SCCAF 2

(For candidates admitted from 2016–2017 onwards)

B.Sc. DEGREE EXAMINATION, APRIL 2022.

Part III — Apparel and Fashion Technology – Major

BASICS OF SEWING

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20)

Answer ALL questions.

1. What is the role of Take-up lever in sewing machine?

2. Give the use of Bobbin case.

3. What is Welt seam?

4. Explain Mantua maker's seam.

5. Define Bias binding.

6. Give the uses of yokes.

7. How are fullness important in a garment?

8. Where can you see set-up pockets?

9. Give the structure of a ruffles.

10. Draw a motif for lace embroidery.

PART B — (5 × 5 = 25)

Answer ALL questions, choosing either (a) or (b).

11. (a) What are the measurements needed for making the garment?

Or

(b) Give the importance of thread, needles and the fabric types.

12. (a) Give any three types of plackets.

Or

(b) Draw and explain any three types of sleeves.

13. (a) Describe the drafting procedure for collars.

Or

(b) Illustrate on types of collars or yokes.

14. (a) How to make a set in pocket?

Or

(b) Explain how to create varieties in pocket designing?

15. (a) Write a note on Ricrac and bras trimmings.

Or

(b) Illustrate any three motif for embroidery and lace.

PART C — (3 × 10 = 30)

Answer any THREE questions.

16. Give a detailed account on sewing machine parts and their functions.

17. Write a note with illustration on fullness and its types.

18. Explain on the classification of bras.

19. Explain on the classification of pockets with its different variety.

20. Write a brief note on smocking, faggoting, applique and scalloped edging with neat illustration.

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S.No. 5027 16 SCCAF 7

(For candidates admitted from 2016-2017 onwards)

B.Sc. DEGREE EXAMINATION, APRIL 2022.

Part III — Apparel and Fashion Technology – Major

TECHNICAL TEXTILES

Time : Three hours Maximum : 75 marks

SECTION A — ($10 \times 2 = 20$)

Answer ALL questions.

1. Define woven

2. Classify twill weave.

3. Mention the uses of Tents.

4. Give the sub groups of survival textiles with two examples each.

5. What are the fibers used in Geo textiles?

6. List the types of fabrics used in cars

7. What are the advantages of heat protection textiles?

8. Short list the fabrics used for protection against hot gases and liquids

9. What are nuclear protection textiles?

10. Describe smart textiles.

SECTION B — (5 × 5 = 25)

Answer ALL questions, choosing either (a) or (b).

11. (a) Differentiate the properties of thermal bonded and needle punched non-woven textiles.

Or

(b) Write a detailed note on the finishing techniques used in technical textiles.

12. (a) Give an account on extra -corporal textiles.

Or

(b) What do you know about survival suits?

13. (a) Give the applications of geo textiles.

Or

(b) Give a detail note on textiles used in heavy road ways.

14. (a) Write a short note about properties of textiles which enhance environmental protections.

Or

(b) Give an account on camouflage materials

15. (a) Explain the causes of pollution with special reference to textile industries.

Or

(b) What are the characteristic features of textiles used in reducing pollution in the environment?

SECTION C — (3 × 10 = 30)

Answer any THREE questions.

16. Write a detailed note on the growth and development of Technical textiles.

17. Explain in detail implantable textiles.

18. What is the role of textiles in space ways?

19. Give a note on the textiles used for protection against flame pollutions

20. Discuss about the sources causing environmental pollution.

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S.No. 5022 16 SCCAF 4

(For candidates admitted from 2016–2017 onwards)

B.Sc. DEGREE EXAMINATION, APRIL 2022.

Part III — Apparel and Fashion Technology — Major

INDIAN TEXTILES, EMBROIDERY AND COSTUMES

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20)

Answer ALL questions.

1. Discuss about the any two Indian garments.

2. List the role of costumes.

3. Define amrus.

4. What are the materials used for paithani woven textiles?

5. Mention the types of dyed textiles.

6. List the materials used for Kalamkari printing.

7. Write the features of Chamba Roomal of Himachal.

8. What are the motifs used for Gujarat embroidery?

9. Give the traditional ornaments of Assam.

10. State the womens attire of Maharashtra.

SECTION B — (5 × 5 = 25)

Answer ALL questions, choosing either (a) or (b).

11. (a) Write a note on development of garment styles.

Or

(b) Explain about theories of clothing origin.

12. (a) Explain the feature of jamdhani woven textiles.

Or

(b) Write about Chanderi woven textiles.

13. (a) Discuss about Patola dyed textiles.

Or

(b) Describe about the technique used in block printing.

14. (a) What are the specialties of Kantha of Bengal.

Or

(b) Explain the materials used for pulkari of Punjab.

15. (a) Write a brief note on men and women costumes of Himachal Predesh.

Or

(b) Discuss about the women costumes of Bihar and Kashmir.

SECTION C — (3 × 10 = 30)

Answer any THREE questions.

16. Write a detailed note on history of Indian garments from ancient to modern times.

17. Discuss about the Kashmir shawl.

18. Elaborate on Rogan printing and other printed textiles.

19. Explain the materials, colours, motifs and techniques used in Kasuti of Karnataka.

20. Give a account on the costumes and accessories of South India.

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19. Brief on the different steps involved in the preparation of a commercial pattern for a baby frock with yoke, puff sleeve and Peter Pan collar.

20. With suitable diagrams explain the steps in altering the skirt pattern for a flat waist and hip and very big waist and hip

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(For candidates admitted from 2016–2017 onwards)

B.Sc. DEGREE EXAMINATION, APRIL 2022

Apparel and Fashion Technology

PATTERN MAKING TECHNIQUES

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20)

Answer ALL questions.

1. Cross Grain

2. Weft yarn

3. Draping

4. Paper Pattern

5. Dart Manipulation

6. Dart

7. Advantages of grading

8. Disadvantage of Commercial Pattern

9. Balance

10. Sleeve Pattern

PART B — (5 × 5 = 25)

Answer ALL questions, choosing either (a) or (b).

11. (a) What are the principles of fabric laying?

Or

(b) Outline the steps to cared for marking patterns on to fabrics.

12. (a) Account for the advantages and disadvantages of draping.

Or

(b) Write a brief note on methods of transferring patterns to silk and knitted fabrics.

13. (a) Give the steps to change a waist line dart to neck line using slash and spread method.

Or

(b) Brief on the steps to change a waist dart to center front dart using pivot method

14. (a) Give the steps in decreasing two sizes of a skirt pattern.

Or

(b) Explain the points to be considered in grading men's pants.

15. (a) How will check the fit of a shirt?

Or

(b) Write in detail the method of lengthen and shorting a bodice pattern.

PART C — (3 × 10 = 30)

Answer any THREE questions.

16. Write a detail account on open and length wise lay out with example and figures.

17. Give the steps involved in the preparation of as adhesive tape dress form.

18. Write the major difference between slash and spread and pivot methods of dart relocation.

S.No. 5023 16 SACAF 3

(For candidates admitted from 2016–2017 onwards)

B.Sc. DEGREE EXAMINATION, APRIL 2022.

Part III — Allied

WET PROCESSING

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20)

Answer ALL questions.

1. Singering
2. Weighting of Silk
3. Natural Dyes
4. Cationic Dye
5. Stock Dyeing
6. Mordant
7. Beam Dyeing
8. Tone – on Effect

9. Bee wax

10. Negative Stencil

PART B — (5 × 5 = 25)

Answer ALL questions, choosing either (a) or (b).

11. (a) What is the need for Mercerization?

Or

(b) Outline the principles used in heat setting.

12. (a) Account for the advantages of Direct Dyes.

Or

(b) Write a brief note on Vat Dyes.

13. (a) Give a detail account on defects commonly seen in dyed fabrics.

Or

(b) Brief on the method of testing dyed fabrics for wash fastness.

14. (a) Give the steps involved in Foam dyeing.

Or

(b) Explain the merits and demerits of cross dyeing.

15. (a) How are printing paste prepared?

Or

(b) Write a note on discharged printing.

PART C — (3 × 10 = 30)

Answer any THREE questions.

16. Write a detail account on different sources used for bleaching and their merits and demerits.

17. Explain sulphur and azoic dyes.

18. Write a short note on Hank and Package dyeing.

19. Brief on the different steps in Jigger and Piece dyeing.

20. With suitable diagrams explain types of Batik printing.

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