

R7628

Sub. Code

2BF1C1

B.Voc. DEGREE EXAMINATION, NOVEMBER – 2022

First Semester

Fashion Technology

TEXTILE SCIENCE

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

All questions carry equal marks

1. List out any two primary characteristics of a textile fiber.
2. Write about Bast fibers.
3. What are the chemical used for manufacturing polyester fiber?
4. Write about Degumming process.
5. What are the two types of yarn twist?
6. Define Carding.
7. What is denting plan?
8. Mention the basic characteristics of a plain weave.
9. Define Rib knit.
10. What is Nonwoven?

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Write a note on Natural fibers.

Or

- (b) Write a note on Man made fibers.

12. (a) Explain the properties of wool fiber.

Or

- (b) Write a note on different types of rayon fiber.

13. (a) Write a note on melt spinning.

Or

- (b) Explain about blowroom process.

14. (a) Explain twill weave and its derivatives.

Or

- (b) Write short notes on Jacquard.

15. (a) Describe the characteristics of single jersey fabrics.

Or

- (b) Write a note on warp knit structures.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Write a detail note on the essential properties of textile fibres.
17. Explain in detail about the manufacturing process of Nylon.

18. Explain about the yarn types and its uses.
 19. Write a detail note on parts and functions of a loom.
 20. Explain in detail about classification of nonwovens.
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R7629

Sub. Code

2BF1C2

B.Voc., DEGREE EXAMINATION, NOVEMBER – 2022

First Semester

Fashion Technology

SEWING TECHNIQUES

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What are the requirements of marker planning?
2. Difference between manual and computerized marker planning.
3. Define computerized controlled cutting machine?
4. State band knife and round knife.
5. What are the types of sewing machines?
6. State button fixing machine.
7. Difference between loops and loop spreader.
8. What is the purpose of pressing?
9. What are the method of fusing?
10. Define feeding mechanism.

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Explain briefly about garment industry?

Or

- (b) What are the requirements of the spreading process?

12. (a) Explain briefly about cutting and their functions.

Or

- (b) Difference between straight, round, band knife.

13. (a) Explain briefly about over lock machine and bar tacking machine.

Or

- (a) Explain the maintenance of sewing machine?

14. (a) Explain about pressure foot and its types.

Or

- (b) Explain about stitch classifications.

15. (a) What are the advantage and disadvantage of the fusing machines?

Or

- (b) Explain about pressing equipments and methods.

Part C

(3 × 10 = 30)

Answer any **three** questions

16. Explain briefly about the types of packing and material used for packing?
17. Explain briefly about the sewing machine care and maintenance and common problems.
18. Explain about methods of marking and requirements of marking and efficiency of a marker plan.
19. Explain about stitching mechanism with sketches.
20. Explain about fusing, advantages and Requirements of fusing and methods of fusing.
