



7. Pressure bar is used in
- |            |         |
|------------|---------|
| a) Simplex | Tricot  |
| c) Crochet | Raschel |
8. Tricot structures belong to
- |                        |                         |
|------------------------|-------------------------|
| a) Woven structure     | Nonwoven                |
| c) Warp knit structure | Circular knit structure |
9. Spacer fabric is used in
- |                       |                  |
|-----------------------|------------------|
| a) Technical Textiles | Medical Textiles |
| c) Home Textiles      | Shirtings        |
10. Seamless fabrics are
- |              |            |
|--------------|------------|
| a) Nonwovens | Knits      |
| c) Wovens    | Composites |

**PART B (10 x 2 = 20 Marks)**

11. What is the use of stitch cam?
12. Draw the neat sketch of compound needle
13. Give the symbolic notation of knit stitch
14. List few properties of derby rib.
15. Mention few uses of Ottaman rib structure knits
16. What are blister fabrics?
17. Write any three warp knitting elements.
18. Draw the symbolic notation of blind lap.
19. Highlight any two recent developments in weft knitting.
20. What are seamless garments?

**PART C (5 x 14 = 70 Marks)**

21. a) Discuss in detail with neat sketches various types of needles used in weft knitting and give their merits and demerits.

**(OR)**

- |   |     |
|---|-----|
| b) (i) Classify weft knitting machines                      | (8) |
| (ii) Explain briefly the functions of purl knitting machine | (6) |

22. a) Classify in detail various type of weft knit structures and weft knit stitches with diagrammatic representation.

**(OR)**

- b) (i) Write the properties of accordion and check fabrics. (7)  
(ii) Discuss briefly on different types of double jersey fabrics such as rib and pique fabrics. (7)

23. a) Explain the properties and uses of following advanced weft knit structures  
i) Eight lock ii) cross and basket purl fabrics.

**(OR)**

- b) Discuss briefly on properties and applications of the following Jacquard structures  
i) Rib Jacquard ii) Birds eye backing

24. a) Explain the knitting cycle of Tricot warp knitting machines

**(OR)**

- b) Discuss briefly on the properties and uses of following Rashel knit structures  
i) Power nets ii) Curtains and laces

25. a) Explain the latest developments in weft and warp knitting machines

**(OR)**

- b) (i) Give a brief account on application of knitted structures in technical textiles (7)  
(ii) Discuss the principles of seamless garment manufacture (7)

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