

**21BSC3C7GML**

**B.Sc. III Semester (NEP) Degree Examination,  
March/April - 2023**

**GARMENT MANUFACTURING TECHNOLOGY**

**Apparel Machineries and Maintenance**

Time : 2 Hours

Maximum Marks : 60

**Note :** Answer **all** the sections.

**SECTION - A**

Answer the following sub-questions. Each question carries **one** marks. **10x1=10**

1. (a) Which type of needle system is used for over-lock machine ?
- (b) What is the function of needle bar ?
- (c) Define the Sewing Machine.
- (d) Which type of belt shapes are used for high speed sewing machine ?
- (e) Which type of stitches are used for knitted garments ?
- (f) Which type of needle point is used for woven garments ?
- (g) Which type of cloth plate mount is used for Flat-bed Machines ?
- (h) Which type of needle system is used for Flat-lock Machine ?
- (i) Who is invented sewing machine ?
- (j) Which type of needle shapes are used for Blind Stitch Machine ?

**SECTION - B**

Answer **any four** questions. **4x5=20**

2. Explain the Sewing Machine Belts.
3. Show the needle point chart and give example to use.
4. Explain with neat sketch of Sewing Machine and mention the parts.

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5. Classify the Sewing Machines according to the operator.
6. Explain with neat sketch of lock stitch formation.
7. Explain the Machine Care and Maintenance.

**SECTION-C**

Answer **any three** questions.

**3x10=30**

8. Explain with neat sketch of :  
(a) Flat bed                      (b) Side bed
9. Explain threading operation and application of electronic button attach machine.
10. Explain the formation and application of :  
(a) Over-edge                      (b) Chain stitch
11. Explain with neat sketch of sewing needle and explain the parts.
12. Explain the power transmission and give an example of the machine speed.

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