

**Fifth Semester**  
**Textile Technology**  
**Scheme July 2008**  
**GARMENT TECHNOLOGY (511)**

**Time : Three Hours**

**Maximum Marks : 100**

- Note :** i) Attempt total *six* questions. Question No. 1 (Objective type) is compulsory. From the remaining questions attempt any *five*.  
ii) Draw the neat diagram, whenever it required.

1. Choose the correct answer. 2 each
- i) Lapped seam is also known as  
(a) Class 1 (b) Class 2  
(c) Class 3 (d) Class 4
- ii) For cutting curved lines in high lays of spreaded fabric the knife used is  
(a) Straight knife (b) Band knife  
(c) Round knife (d) Hand knife
- iii) Seam strength is  
(a) Strength of yarn at seam  
(b) Strength of fabric at seam  
(c) Strength of sewing thread  
(d) None of these
- iv) Choose the correct line  
(a) Back line is below the shoulder line  
(b) Chest line is above the back line  
(c) Bust line is above the chest line  
(d) Shoulder line is below the chest line

- v) Formula of efficiency of marker plan :
- (a)  $\frac{\text{Area of pattern in marker plan}}{\text{Total area of the marker plan}} \times 100$
- (b)  $\frac{\text{Total area of marker plan}}{\text{Area of pattern in marker plan}} \times 100$
- (c) Total area of fabric lay  $\times$  Area of pattern  $\times 100$
- (d) None of the above
2. a) What is grading methodology? Explain. 9  
 b) Write down the application of CAD in the garment industry. 9
3. a) What is the objective of cutting? Name the machines used in cutting. 9  
 b) Classify and explain the various types of cutting blade. 9
4. a) Write how to eliminate the fabric fault in garment manufacturing. 9  
 b) What is shade sorting of cloth pieces and effect of shade variation in garment manufacturing. 9
5. a) What is seam? How many types of seams are there explain them. 9  
 b) Compare class - 100 and class - 400 stitch. 9
6. Explain the marker utilization and manual marker planning. What are the role of CAD in marker planning? 18
7. a) Discuss the various types of feed system. 9  
 b) What kind of finishings are required in garment? Explain. 9
8. Write short notes on the following : 6 each
- a) Lapped seam
- b) Stitch class - 200 and stitch class - 600
- c) Packing materials

