

Master of Fashion Design Second Year (MFD) Third Semester
MFD231 - Garment Production Technique 3 MFDT 1

P. Pages : 2

Time : Three Hours



GUG/W/18/2151

Max. Marks : 80

- Notes : 1. All questions are compulsory & carry equal marks.
2. Support your answer with neat sketches wherever necessary.

1. a) Explain different department in garment industry. 16

OR

b) How does technology help garment industry.

2. a) Calculate: 16

Number of operators required.
Projected output per shift.
Do the workstations.
Projected output = 88
Minutes per day = 480
Target = 90

Operations	Actual Time
Bind flies	0.61
Trim under facing	0.61
Join flies to body	1.26
Bindless	1.16
Close crotch	1.25
Attach the elastic	1.75
Cut/fold labels	1.15
Attach label	1.20
Bartack	1.25

OR

b) Calculate operators, machine, cooling configuration and batch selling. 16

Sr. No.	Machine	Time Taken	M/C Used	M/C in factory
1.	Inter lock 2NDL	35 sec.	2	6
2.	Overlock	46 sec.	3	7
3.	Lock stitch	37 sec.	3	8

Sr. No.	Details	M/C Used	Time
1.	Attach lace to Body	2 NDL Interlock	22 sec.
2.	Attach Gusset	Overlock	20 sec.
3.	Attach lock to bottom	2 NDL Interlock	16 sec.
4.	Cut and bold	Strip cutter	3 sec.
5.	Side seam	Overlock	18 sec.
6.	Serge waist	Over lock	10 sec.
7.	Stitch down	Lock stitch	13 sec.
8.	Attach Ribbon	Lock stitch	10 sec.
9.	Tack side Sean	Lock stitch	16 sec.
10.	Item waist	Handling by hand	20 sec.

3. a) Explain steps in manufacturing a garment. 16

OR

b) What do you mean by work measurement.

4. a) Explain quality control in finishing department. 16

OR

b) Differentiate between production and productivity with example.

5. Write short note on **any four**. 16

a) T.S.P.T. = 897 sec
No. of worker = 11
Calculate production target in 8 hrs.

b) Application of CAD/CAM system.

c) Explain the term Pre-determined time study.

d) T.S.P.T. = 1800 sec
No. of workers = 45
Calculate production target in 8 hrs.
