

Answer the following question:

1) One can understand what fabric tailor ability parameters are, and how they may be used to obtain the best possible results in garment manufacturing, compare between : Kawabata Evaluation System of Fabrics, "KES-F; Fabric Assurance by Simple Testing , "FAST", and Modified Fabric Sew ability Tester, "ST2"?

2) SAFETY AND PROTECTIVE TEXTILES ARE DESIGNED TO PROTECT PEOPLE WORKING IN THE INDUSTRY FROM ONE OR MORE OF THE FOLLOWING HAZARDS : EXTREME HEAT AND FIRE ,EXTREME COLD ,HARMFUL CHEMICALS AND GASES BACTERIAL / VIRAL ENVIRONMENT CONTAMINATION ,MECHANICAL HAZARDS ELECTRICAL HAZARDS ,RADIATION.

Design a production line suitable for protective garment shown in Fig.1 & 2?

3) Define the meaning of symbols given in Table 1

KES	EM1,	EM2,	LT	RT, %	T	G,	2HG,	2HG5,	B1,
FAST	RS	SH	F1&F2	B1&B2	G	ST	E100	W	T
ST2	FRNP	SSS	FP	FSa	FSe	FF	FT	FC	FR

4) Layout planning is one of the important factors that has a great influence on achieving the goals and strategies in the Egyptian textile enterprises. There are different types of layout, fixed-position, process-position and cellar-position. Write a short essay about: The development of new quality control methods , such as : Quality Function Deployment, and Lean Six sigma Quality Improvement Frame Work, in , implementation in garment industry .

5) Cutting process is considered as one of the main, garment process. So the question is to design a program to study product cutting problem for improving rates of performances in Egyptian textile enterprises based on the balance between voice of process and voice of costumer,

Good Luck, Prof. Adel EL-Hadidy

*Adel Hadidy*

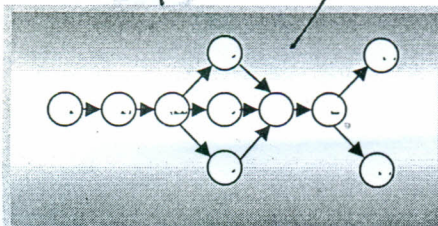


Fig.2

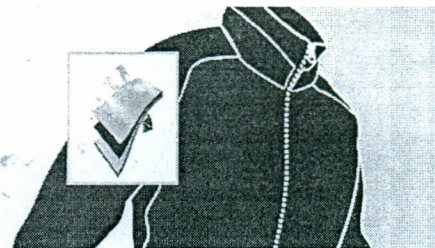


Fig.1