

Cluestian 15:
a. Technological advances in machinery:
CAD - Computer Aided Osign. This has made things much
more easier for the designer who can quickly change colours due to
a new current trend.
CAM - Computer Aided Manufacture. This manufactures parts
of textiles, for instance, stitches buttonholes.
Computers - Computers are improving every year. They can be
used to layout patterns to utilise every space on the fabric,
Robotics - Used to replace employees for making clothes,
Such as stitching seams
Machine embroidery - Instead of traditional embroidery which is
timeconsuming, designs can be chosen on sewing machines which
have a database of designs, and the machine automatically stitches
them.



impact of technological advances in machinery on the CAD: Computer aided design: Computer aided design helps the manufacture to quidely change the design - such as a colour, Comes into the fashion industry. This saves time and money, and increases production, and makes industry more internationally increases productivity and also gives a consistent quality as well as a reduction in staff teucls which saves the industry in the long term. However, it is expensive in the short term. CAM: Computer aided manufacture of the textiles item. increases productivity as they α expensive in the short term and can affect profits in the short term. However, they save the business money in the long term as they replace employees, and they don replace



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	money asso normally given to employees such as wages, bonuses,
	fringe benefits.
۲	They are a disadvantage in that they increase emplo
	anemployment. However they make industry more internationally
	Competitive.
*	Increase efficiency and improve quality as there is no human
	error,
	Computers: Such as pattern layering software and associated
	machinery improve quality and increase efficiency.
	this one would utilise the space very well on a fabric, and
	cut very quickly. They increase productivity, and savetime, (as work around the dock day and money in the longterm because there is a reduction in
	Staff levels but increase unemployment. But make industry
	more internationally competitive because they save money
	Machine embroidery: Save time as they are very quick,
	and increase productivity, increase quality and efficiency,
	reduce money but increase unemployment.
	These make ATCFAI more internationally competitive
	but address social issues like an increase in unemplayment