

### Extended Response Sample Question #18 Rubric

[3 points]	Identifies both a positive impact on manufacturing and a negative impact on employees in the automobile industry. Describes why a company would use technology with negative effects.
[2 points]	Identifies either a positive or a negative impact, and correctly explains why a company would use a technology with negative effects.
[1 point]	Identifies one OR both types of impact, but does not explain why a company might use a technology with negative effects.
[0 point]	No response.

**Note:** An example of a 0 point score is not shown for the 3 point extended response questions.

#### Student Response to Sample Question # 18

**Positive Effect** Some of the good things about robots  
are they can do work fastely you can repair  
them when they get hurt.

**Negative Effect** They take peudie's job'se more and  
more peudie will be on the streets.

**Why would a company use a technology even though it will have negative effects?**

TO make progress, money, and improve  
their company ratings.

**Comment: Score: 3** Student has identified a positive impact on manufacturing and a negative impact on the employees. Gives reason for company using negative technology.

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#### Student Response to Sample Question # 18

**Positive Effect** It performs dangerous tasks so humans don't risk their lives.

**Negative Effect** Takes time to build the robotics

**Why would a company use a technology even though it will have negative effects?**

b/c it would save time, plus the company has less people on their payroll. The product is also more accurate.

**Comment: Score: 2** Positive response is satisfactory. Negative response is irrelevant. Explanation for using negative technology is acceptable.

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#### Student Response to Sample Question # 18

**Positive Effect** A positive effect that robotics would have on the car industry would be that all automobiles would be built the same way with less chance of human error so, therefore may get done faster to make a quota or larger profit.

**Negative Effect** That the robots may take over human jobs. And there for have a large unemployment rate.

**Why would a company use a technology even though it will have negative effects?**

So that it could flourish off alot of the good effects + then it may not have to worry about the few negative effects.

**Comment: Score: 1** Student has identified a positive and negative impact but has not provided a reasonable answer to why a company might use a technology with a negative effect.