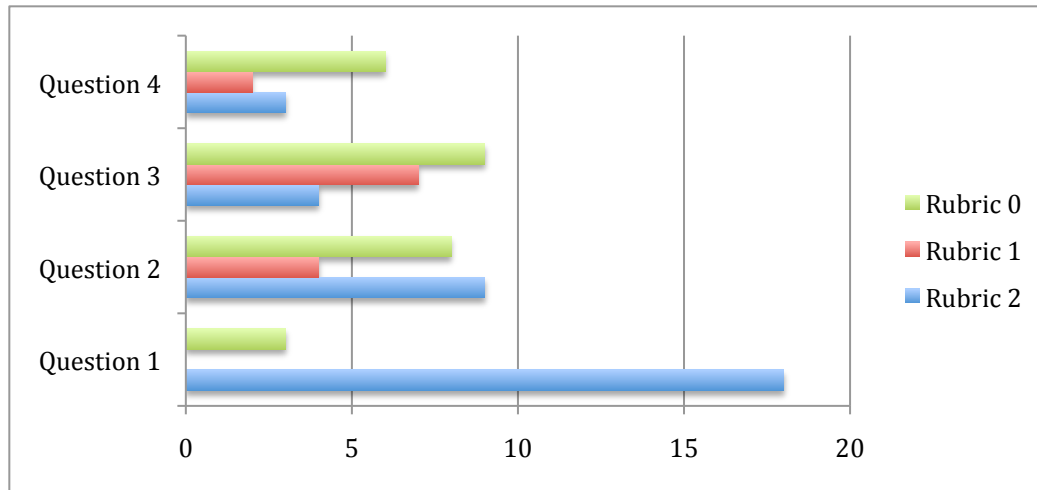


### NSTA 3B: Observations, Data and Inferences



### RUBRIC

Score→	2	1	0
<b>Question 1</b>	The student correctly identified whether or not the patient was pregnant.	N/A	The student <i>incorrectly</i> identified whether or not the patient was pregnant.
<b>Question 2</b>	The student mentioned specific hormones (estrogen/progesterone), the effect of their levels and what the results of increased or decreased hormonal levels mean. (The student was able to make descriptive observations based on graphical data.)	The student only identified the hormones that were important, but made no reference to their graphical values. The student made vague observations based on graphical data.	The question was not answered.
<b>Question 3</b>	The student was able to make detailed inferences based on the data by describing the resulting causes and effects of increased hormone levels (progesterone/estrogen)	The student made vague inferences based on graphical data. Only changes in hormonal levels were identified, but no resulting effects of hormone levels were discussed.	The question was not answered.
<b>Question 4</b>	The student was able make connections to the larger concept: hormonal regulation in the menstrual cycle. A student with this score discussed changes in the uterine lining caused by specific hormone levels of progesterone.	A vague connection was made between hormone levels, and general reproductive structures.	The question was not answered.