Standard Format for Exams to be Uploaded to Canvas: Sample Exam Items

Please use an asterisk (\*) to indicate the correct answer.

Multiple Choice

1) Lois is a 65 year old female who participates in an exercise class at least three times a week. In addition, she drinks six glasses of water each day and consumes a lot of fresh fruits and vegetables and whole-grain breads and cereals. Lois has high blood pressure, takes medication for hypertension and experiences constipation frequently. Which of the following is the most likely cause of her constipation.

 a. caffeine

 b. too much exercise

 c. too much sugar

 \*d. low fluid intake12) A non-pregnant woman requires 46 grams of protein per day.

True False

13) Colostrum contains antibodies from the mother's blood, and it may transmit a bacterial infection to the infant if the mother has one.

 \*a. true

 b. false

Multiple Answer (More than one correct answer, please note that this requires all of these to get full points)

14) Risk factors for gestational diabetes include:

 a. low BMI before pregnancy

 \*b. older age during pregnancy

 \*c. excessive weight gain during pregnancy

 \*d. family history of diabetes

Fill in the blank

16) Who invented television?

\*a. Zworykin

\*b. Vladimir Zworykin

\*c. Vladimir Kosma Zworykin

Essay

15) How is the Michelson-Morely experiment related to Albert Einstein’s theory of relativity?

a) In 1887, Albert Michelson and Edward Morely carried out experiments to detect the change in speed of light due to ether wind when the Earth moved around the sun. The result was negative. They found the speed of light is always the same regardless of Earth's motion around the sun. Scientists were puzzled with this negative result, and they didn't know how to explain it. Albert Einstein came up with the answer in his famous second postulate in theory of relativity: that the speed of light (in vacuum) is always constant and absolute, regardless of its source's motion and observer's movement.