Pretest Questions:

[Instructor Note: These questions could be administered in online course management system, could be provided as a word document to complete and returned electronically or provided as paper version. The intent is to assess students' prior understanding so that misconceptions can be addressed. Feedback in the online setting would provide a brief explanation and a link to which unit the answers will be explored.]

Please answer the following questions pertaining to human cell biology:

How many steps are in the cell cycle? (Unit 3)

Describe what occurs in each step of the cell cycle? (Unit 3)

What is the function of cyclins in relation to the cell cycle and how do they work? (Unit 3)

What is the function of cyclin dependant kinsases? (Unit 3)

What is the function of the Golgi apparatus? (Unit 2)

What is the function of the endoplasmic reticulum? (Unit 2)

Do condoms protect you from HPV infections? (Unit 4)

Will the vaccine keep you from getting all HPV infections? (Unit 4)

What is the difference between double stranded and single stranded DNA? (Unit 1)

Explain the base pair binding in DNA (Unit 1)

How does transcription and translation of proteins occur? (Unit 2)

What is the difference between CD4 and CD8 lymphocytes and what role do they play in cell recognition? (Unit 2)