1. What is the difference between a sign and a symptom? What does prodromal mean? What is the difference between a screening and a diagnostic test? Provide examples of each. Can tests be both screening and diagnostic? Explain. What are some limits of cytology?

2. What is HPV? How many different types of HPV have been identified? What are 2 advantages of HPV screening? Who might have HPV? What % of us have been exposed to HPV? What % of new infections occur among 15-24 yr olds? What types of cancers might HPV cause? Identify where these sites of cancer might occur anatomically.

3. Why are HPV 16 and 18 important? In the US, what cancer types are caused by HPV 16/18? By what way of what actions or mechanisms does HPV enter epithelial tissue?

4. Identify 2 vaccines for HPV. Who is eligible for HPV vaccines? What is immunogenicity? What is efficacy? What is the efficacy for HPV vaccines?

5. List two important facts of breast cancer epidemiology. Which tumor with type of receptor has the greatest response rate for treatment? What is the single most modifiable risk factor associated with the diagnosis and prognosis of breast cancer?