Question 1

**Why is there considerable room to improve biopsy scheduling?**

1. Because annual biopsy programs are too expensive.
2. Because less frequent biopsies programs result in complications.
3. Because annual and less frequent biopsies programs perform unnecessary biopsies.
4. Because annual and less frequent biopsies programs do not minimize the delay in finding cancers.

Correct Answer: C

Question 2

**Why are joint models used to link the PSA trajectories with the risk of cancer progression?**

1. Because PSA is measured at different time points per patient.
2. Because the PSA measurements of each patient are correlated.
3. Because the PSA velocity is related to cancer progression.
4. Because the PSA is an endogenous time-varying covariate.

Correct Answer: D

Question 3

**What is the decision rule used to perform personalized biopsy scheduling?**

1. A biopsy is scheduled when the risk of progression exceeds a threshold.
2. A biopsy is scheduled when the kappa previous biopsies were negative.
3. A biopsy is scheduled when the expected delay in months equals the expected number of future biopsies.
4. A biopsy is scheduled when the expected delay in months is shorter than the expected number of future biopsies.

Correct Answer: A