Question 1:
Which of the below is required for accurate forecasts?
• A – A good model
• B – Good data assimilation
• C – Good observations
• D – All of the above

Question 2:
If observations show the hurricane vortex is stronger than predicted, how should the DA system update the temperature in the eye?
• A – no change
• B – higher
• C – lower

Question 3:
When did hurricane intensity forecasts REALLY begin to improve?
• A – 1990
• B – 2000
• C – 2010
• D – 2020

Question 4:
Why did reconnaissance data initially degrade short-term intensity forecasts in HWRF?
• A – Model physics problems in HWRF
• B – Data assimilation problems in HWRF
• C – All of the above
• D – None of the above

Question 5:
Where should reconnaissance sample to most benefit a TC intensity forecast?
• A – In the TC vortex
• B – In the TC environment
• C – Ahead of the TC
• D – None of the above

Question 6:
True or false: Sampling in a TC vortex can improve the track forecast.
• A – True
• B – False