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