ENERGY QUIZ – SECONDARY

1) True or False: Nuclear energy is produced through nuclear fusion.

A) True
B) False

2) To what temperature does natural gas need to be cooled to become a liquid (i.e., LNG)?

A) -90 C
B) -21 C
C) -162 C
D) 6 C

3) Which is the only province or territory to produce offshore crude oil?

A) Prince Edward Island
B) Nova Scotia
C) Yukon
D) Newfoundland and Labrador

4) Which province has the largest coal-fired generating capacity?

A) Saskatchewan
B) New Brunswick
C) Manitoba
D) Alberta

5) How does Canada rank in the world for hydroelectricity production?

A) Largest
B) Tenth-largest
C) Second-largest
D) Fifth-largest

6) What percentage of Canada's electricity is generated from wind?

A) 4%
B) 12%
C) 1%
D) 19%

7) What is the term for a hydroelectric facility where the natural flow of the river provides the necessary kinetic energy instead of a dam?

A) Free flowing
B) Natural hydro
C) Run-of-the-river
D) Unrestrained flow

8) True or False: Transmission power lines used for large distances carry a lower voltage than distribution power lines used for short distances.

A) True
B) False

9) Where is Canada's only tidal energy facility located?

A) Halifax, N.S.
B) Moncton, N.B.
C) Annapolis Royal, N.S.
D) Saint John, N.B.

10) Which of the following pairings is NOT correct when it comes to measuring amount/production?

A) Crude oil and Mb/d
B) Nuclear energy and MW
C) Natural gas and MMcf/d
D) Hydroelectricity and MW
E) Coal production and Mb/d