**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 15 September 2020**

**FYS 178 INDIVIDUAL QUIZ#04**

Choose the single best answer in Questions (1) – (4). Each question is worth five points for a total of 25 points.

(1) In 1906, a group of Norwegian professors tried to establish a professorship for Vilhelm at what university in Christiania?

(a) Lillehammer University

(b) Royal Frederik University, p. 81

(c) University of Bergen

(d) University of Oslo

(2) One of the two specific goals of the Leipzig offer extended to Vilhelm was to train people for the ever-growing \_\_\_\_\_\_\_\_ meteorological services.

(a) aerological/ aeronautical, p. 86

(b) agricultural

(c) railway

(d) shipping

(3) In *Kinematics* (1911), the connection between lines of convergence and \_\_\_\_\_\_\_\_ was suggested.

(a) ice storms

(b) line squalls, p. 92

(c) snow storms

(d) tornadoes

(4) What event in September 1913 over the North Sea raised the awareness of the importance of understanding weather in aviation?

(a) loss of a Norwegian balloon during a scientific expedition to the North Pole

(b) loss of a German Navy’s military Zeppelin in a severe line squall, p. 93

(c) loss of a British biplane in a strong windstorm

(d) loss of an Italian airplane in the first trans-Atlantic attempt

(5) By 1911, Vilhelm found that the conditions in Norway had lead to three unacceptable conditions related to his research program. Name **two** of the three conditions that pushed Vilhelm to accept a new position in Leipzig.

aerologists’ and meteorologists’ understanding of his work was limited, his ability to complete the remaining volumes of the Carnegie project constrained, and the possibility of establishing a new generation of scientifically trained aerologists bleak [p. 83]