

1. What do you consider the main reason for the expected increase in the economic activity in the Arctic?
 - a. **warmer climate and greater accessibility**
 - b. increased interest from capital investors
 - c. new technology that makes life easier in the cold regions

2. NASA has made a prediction of when all the ice on the north pole has melted. When is the Arctic ocean expected to be ice free?
 - a. year 2050
 - b. **year 2100**
 - c. Year 2200

3. Recent research has shown that organic micropollutants are accumulating in polar mammals. What are the sources of these pollutants come from?
 - a. Local wastewater discharge in Arctic regions
 - b. Wastewater discharge at latitudes below the Arctic circle
 - c. **Both of the above**

4. When developing a wastewater handling system, the general distribution of investment cost between the collection system (piping) and treatment is (based on Norwegian) figures:
 - a. Piping 10 - 30%, treatment 70-90%
 - b. Piping 50%, treatment 50%
 - c. **Piping 70 - 90%, treatment 10 – 30 %**
 - d. Piping 50 - 70%, treatment 30 - 50%

5. What do you understand by circular economy in connection to sanitation?
 - a. To build intercepting sewers that eliminate many small direct (untreated) sewer outfalls and conveys the sewage to a treatment
 - b. To separate blackwater and greywater.
 - c. **To recycle the nutrients from wastewater back to plant production and thereby minimize pollution**
 - d. To make biogas from sludge generated by an activated sludge treatment unit