PPDAC Short Quiz Example

Fish Food

A researcher wanted to investigate whether or new a new fish food will raise the weight of fish on commercial fish farms more quickly than the most popular brand on the market. She got 20 salmon from a local farmer in Vancouver and flipped a coin to choose which tank to put them in. 1 tank was fed the more popular food and 1 the new food. After one month, she weighed the fish and found that the fish in the new tank weighed, on average, 25% more.

a) Is the experiment Causal or Descriptive?
b) What is the Thesis?
c) Identify the Problem Unit
d) Identify the Plan Unit
e) How much Replication occurred
f) What is the Sampling Technique?
g) What are the Diversity Limitations?
h) Identify any Random Assignment.
i) Identify the variables data was collected about.
j) Identify the calculation that occurred.