I notice this question asks me to calculate a correlation coefficient using "data from 16," but I don't have access to that specific data. Without the referenced data, I cannot calculate the correlation coefficient directly.

As a graduate statistics student, I would need the paired data points (x₁, y₁), (x₂, y₂), ..., (xₙ, yₙ) to calculate the correlation coefficient using the formula:

r = Σ[(xᵢ - x̄)(yᵢ - ȳ)] / √[Σ(xᵢ - x̄)² × Σ(yᵢ - ȳ)²]

Where:

- x̄ and ȳ are the sample means

- The summations are from i = 1 to n

Without the specific data referenced in question 16, I cannot determine which of the given options is correct. In an exam situation, I would either look back at question 16 for the data or note that I'm missing necessary information to solve this problem.