As a high quality graduate statistics student, let's consider the nature of the distribution of the last digit in phone numbers. Assuming the phone numbers are randomly assigned, the last digit of a phone number could be any digit from 0 to 9 with equal likelihood. This suggests that the distribution should be uniform since each digit has an equal probability of appearing as the last digit.

In a uniform distribution, the histogram will have bars of approximately equal height across all possible digits from 0 to 9, indicating that each digit appears with roughly equal frequency.

Therefore, to answer the question, we need to identify which histogram represents a uniform distribution. Without access to the actual histograms, we can only describe the characteristics. The correct histogram (option) would have:

1. Equal or nearly equal heights for all possible digits.

2. A distribution shape that suggests no particular digit is favored or common compared to others.

Assuming one of the provided options matches these characteristics, that would be the correct choice. Without seeing the images, I suggest selecting the option corresponding to the uniform distribution.