Quiz: Hobbits and Histograms - A How-To Guide to Building Your First Image Search Engine in Python

Question #1: What is the process of indexing?

A. Searching our dataset for relevant images
B. Dumping our computed index to file
C. Extracting features from our query image
D. Quantifying our dataset by using an image descriptor to extract features from each image in the dataset

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Question #2: What type of image descriptor did we use to describe our movie screenshots?

A. A flattened RGB histogram
B. A 2D Hue-Saturation Histogram
C. A 3D RGB histogram
D. A 3D L*a*b* histogram

Question #3: As we increase the number of bins in our histogram, the dimensionality of our histogram will:

A. Increase
B. Decrease

Question #4: Why is the chi-squared distance function useful for comparing histograms?

A. The difference between large bins vs. small bins is *less* important and should be weighted as such
B. The difference between large bins vs. small bins is *more* important and should be weighted as such
C. The chi-squared function is not well suited for comparing histograms

Answers: Hobbits and Histograms - A How-To Guide to Building Your First Image Search Engine in Python

Question #1: D
Question #2: C
Question #3: A
Question #4: A