This work is a comparative study on three major Internet search engines; Yahoo, Google and ask.com search engines. Experimental method was used with ten reference questions which were used to query each of the search engines. Yahoo obtained the highest results (521,801,043) among the three Web search engines while Google had 96,752,900 and ask.com got the lowest one (19,935,810). It is recommended that this methodology be applied to a wider scope with the hope that it will help Web users to select a search engine appropriate for their specific search needs, and help Web search engine developers design even better ones for the Internet community and users.