Report on Vertex Cover Problem:

First Dataset:

Random Choice: Best: 442

Worst: 446

Average: 444

Edge of maximum degree choice: 436

Minimum Vertex Cover: 420

Second Dataset:

Random Choice: Best: 586

Worst: 590

Average: 588

Edge of maximum degree choice: 586

Minimum Vertex Cover: 560

Third Dataset:

Random Choice: Best: 750

Worst: 754

Average: 752

Edge of maximum degree choice: 744

Minimum Vertex Cover: 720

Fourth Dataset:

Random Choice: Best: 934

Worst: 938

Average: 935

Edge of maximum degree choice: 930

Minimum Vertex Cover: 900