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| **Project Name: Project 1: Voting System Team# 19** | |
| **Test Stage: Unit \_X\_ System \_\_** | **Test Date: 3/13/2021** |
| **Test Case ID#: 3** | **Name(s) of Testers: Benjamin Keeney** |
| **Test Description: Tests methods of the Party class.** |  |
| **Automated: yes\_X\_ no \_\_\_** | **Indicate where are you storing the tests (what file) and the name of the method/functions being used.**  UnitTester.java, |
| **Results: Pass \_\_X\_\_ Fail\_\_\_\_\_\_\_\_** |  |
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| **Preconditions for Test:**  **Candidate array filled with Candidate objects created, along with a Party object** | |

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| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
| 1 | Party party is initalized. | partyName: “Republican”  candidates[]: {candTest1, candTest2}  seatCount: 0  numVotes: 25 |  |  |  |
| 2 | getName() is tested | party.getName() | “Republican” | “Republican” |  |
| 3 | getSeatCount() is tested | party.getSeatCount | 0 | 0 |  |
| 4 | getVotes() is tested | party.getVotes() | 25 | 25 |  |
| 5 | setSeatCount() is tested | party.setSeatCount(2) | party.seatCount = 2 | party.seatCount = 2 |  |
| 6 | getSeatCount() is tested | party.getSeatCount() | 2 | 2 |  |
| 7 | updateVotes() is tested | party.updateVotes(30) | party.totalVotes = 30 | party.totalVotes = 30 |  |
| 8 | getVotes() is tested | party.getVotes() | 30 | 30 |  |

**Post condition(s) for Test:**



Party object exists with data:

partyName: “Republican”

candidates[]: {candTest1, candTest2}

seatCount: 2

numVotes: 30

