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|  | **Test Summary Report** |  |

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| Number Of Students | 1272 | Mean | 37.7 | Lowest Score | 6 |
| Maximum Possible Score | 60 | Median | 40.0 | Highest Score | 58 |
| Score Range | 52.0 | Standard Deviation | 10.5 | KR20 | 0.91 |

/C:/Users/Youssef Hossam/eclipse-workspace/Jowil Stats/target/classes//data/reports\report2\redLegend.png **Distractors\***

/C:/Users/Youssef Hossam/eclipse-workspace/Jowil Stats/target/classes//data/reports\report2\goldLegend.png **Non Distractors**

 **Correct Answer**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **No.** | **Question** | **Correct Answer** | **Response Percentages** |  |  |  |  |  | **Non Distractors** | **Point Biserial** | **Correct Group Responses** |  |  |
| **1** | **2** | **3** | **4** | **5** | **6** | **Overall %** | **Bottom 25%** | **Top 25%** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | G1-1 | 4 | 0.4 | 2.1 | 0.4 | 94.7 | 0.3 | 1.4 | - | 0.2 | 94.7% | 98.7% | 87.7% |
| 2 | G1-2 | 5 | 0.2 | 0.9 | 0.6 | 0.3 | 96.9 | 0.4 | - | 0.3 | 96.9% | 100.0% | 90.3% |
| 3 | G1-3 | 1 | 95.8 | 1.8 | 1.0 | 0.3 | 0.6 | 0.2 | - | 0.3 | 95.8% | 99.4% | 86.8% |
| 4 | G1-4 | 2 | 0.8 | 95.6 | 0.9 | 0.6 | 0.3 | 1.0 | - | 0.3 | 95.6% | 99.7% | 86.2% |
| 5 | G1-5 | 6 | 0.6 | 1.1 | 1.0 | 0.6 | 0.8 | 95.3 | - | 0.4 | 95.3% | 100.0% | 84.9% |
| 6 | G1-6 | 3 | 0.6 | 1.6 | 94.3 | 0.6 | 0.6 | 1.9 | - | 0.3 | 94.3% | 98.7% | 83.3% |
| 7 | G1-7 | 6 | 1.1 | 2.4 | 1.3 | 13.3 | 0.6 | 81.0 | - | 0.5 | 81.0% | 97.2% | 56.0% |
| 8 | G1-8 | 2 | 6.9 | 78.6 | 0.9 | 0.9 | 0.8 | 10.8 | - | 0.3 | 78.6% | 92.8% | 59.7% |
| 9 | G1-9 | 1 | 91.0 | 0.9 | 1.1 | 0.4 | 4.9 | 1.1 | - | 0.4 | 91.0% | 99.4% | 72.6% |
| 10 | G1-10 | 3 | 1.8 | 1.3 | 80.3 | 1.2 | 2.8 | 12.0 | - | 0.4 | 80.3% | 96.2% | 55.7% |
| 11 | G1-11 | 4 | 3.6 | 17.9 | 2.2 | 52.4 | 22.6 | 0.6 | - | 0.5 | 52.4% | 82.1% | 21.4% |
| 12 | G1-12 | 5 | 4.2 | 2.8 | 1.6 | 12.2 | 36.0 | 42.6\* | - | 0.4 | 36.0% | 69.5% | 12.9% |

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| **No.** | **Question** | **Correct Answer** | **Response Percentages** |  |  |  |  |  | **Non Distractors** | **Point Biserial** | **Correct Group Responses** |  |  |
| **1** | **2** | **3** | **4** | **5** | **6** | **Overall %** | **Bottom 25%** | **Top 25%** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | G2-1 | 2 | 2.0 | 96.2 | 0.2 | 0.2 | 0.5 | 0.5 | - | 0.2 | 96.2% | 99.4% | 89.9% |
| 14 | G2-2 | 6 | 0.5 | 0.9 | 1.8 | 0.2 | 0.8 | 95.5 | - | 0.4 | 95.5% | 100.0% | 85.8% |
| 15 | G2-3 | 1 | 91.2 | 1.3 | 0.6 | 0.2 | 4.2 | 2.1 | - | 0.5 | 91.2% | 99.4% | 71.7% |
| 16 | G2-4 | 2 | 1.3 | 74.5 | 1.0 | 15.5 | 0.6 | 6.9 | - | 0.5 | 74.5% | 97.2% | 45.3% |
| 17 | G2-5 | 1 | 63.1 | 0.9 | 5.0 | 2.3 | 28.0 | 0.2 | - | 0.5 | 63.1% | 91.8% | 27.7% |
| 18 | G2-6 | 3 | 2.8 | 2.3 | 63.1 | 25.6 | 4.5 | 1.3 | - | 0.5 | 63.1% | 89.9% | 31.8% |
| 19 | G2-7 | 5 | 20.9 | 6.1 | 2.6 | 1.0 | 63.1 | 5.7 | - | 0.5 | 63.1% | 91.5% | 23.6% |
| 20 | G2-8 | 6 | 1.9 | 2.0 | 3.5 | 11.6 | 17.5 | 63.1 | - | 0.6 | 63.1% | 92.8% | 19.2% |
| 21 | G2-9 | 4 | 16.0 | 1.2 | 1.5 | 67.7 | 9.5 | 3.8 | - | 0.6 | 67.7% | 96.2% | 22.0% |
| 22 | G2-10 | 3 | 8.7 | 7.7 | 77.9 | 1.7 | 1.4 | 1.8 | - | 0.6 | 77.9% | 99.7% | 34.9% |
| 23 | G2-11 | 4 | 1.6 | 9.1 | 10.6 | 68.9 | 2.0 | 7.3 | - | 0.6 | 68.9% | 94.7% | 23.9% |
| 24 | G2-12 | 5 | 2.4 | 13.4 | 10.2 | 5.3 | 51.7 | 16.2 | - | 0.5 | 51.7% | 84.9% | 16.7% |

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| **No.** | **Question** | **Correct Answer** | **Response Percentages** |  |  |  |  |  |  |  | **Non Distractors** | **Point Biserial** | **Correct Group Responses** |  |  |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **Overall %** | **Bottom 25%** | **Top 25%** |

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| 25 | G3-1 | 8 | 0.4 | 2.9 | 1.6 | 0.9 | 0.6 | 0.3 | 0.3 | 92.5 | - | 0.4 | 92.5% | 98.4% | 76.1% |
| 26 | G3-2 | 2 | 6.7 | 81.3 | 5.6 | 1.0 | 0.7 | 0.6 | 3.1 | 0.6 | - | 0.4 | 81.3% | 95.9% | 57.2% |
| 27 | G3-3 | 3 | 2.3 | 4.2 | 81.2 | 2.4 | 1.5 | 2.5 | 2.7 | 2.4 | - | 0.5 | 81.2% | 98.7% | 49.1% |
| 28 | G3-4 | 8 | 1.0 | 2.3 | 9.8 | 13.8 | 0.9 | 1.3 | 2.0 | 68.2 | - | 0.5 | 68.2% | 89.6% | 35.8% |
| 29 | G3-5 | 7 | 1.1 | 1.8 | 4.6 | 6.3 | 1.0 | 1.3 | 78.2 | 5.1 | - | 0.6 | 78.2% | 98.4% | 42.1% |
| 30 | G3-6 | 4 | 6.1 | 6.7 | 7.8 | 66.1 | 6.1 | 1.2 | 1.4 | 4.1 | - | 0.5 | 66.1% | 89.0% | 32.1% |
| 31 | G3-7 | 5 | 3.2 | 3.3 | 2.6 | 5.4 | 73.4 | 3.4 | 4.1 | 4.1 | - | 0.6 | 73.4% | 98.7% | 28.0% |
| 32 | G3-8 | 1 | 47.7 | 6.5 | 5.6 | 11.2 | 2.5 | 10.3 | 10.9 | 4.4 | - | 0.4 | 47.7% | 74.8% | 16.0% |
| 33 | G3-9 | 7 | 7.5 | 2.4 | 2.6 | 1.7 | 2.4 | 2.8 | 75.6 | 4.6 | - | 0.6 | 75.6% | 94.0% | 34.9% |
| 34 | G3-10 | 6 | 7.5 | 7.7 | 1.6 | 12.0 | 2.8 | 33.8 | 1.6 | 32.3 | - | 0.3 | 33.8% | 56.0% | 13.8% |
| 35 | G3-11 | 1 | 39.4 | 2.7 | 7.2 | 7.5 | 29.3 | 3.3 | 5.0 | 5.3 | - | 0.4 | 39.4% | 72.3% | 13.8% |
| 36 | G3-12 | 2 | 3.9 | 3.9 | 42.9\* | 32.5\* | 5.7\* | 2.5 | 2.8 | 5.1\* | - | -0.1 | 3.9% | 3.8% | 7.2% |

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| **No.** | **Question** | **Correct Answer** | **Response Percentages** |  |  |  |  |  |  |  | **Non Distractors** | **Point Biserial** | **Correct Group Responses** |  |  |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **Overall %** | **Bottom 25%** | **Top 25%** |

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| 37 | G4-1 | 3 | 0.9 | 1.2 | 93.6 | 1.8 | 0.8 | 0.4 | 0.2 | 0.7 | - | 0.4 | 93.6% | 98.7% | 77.4% |
| 38 | G4-2 | 4 | 0.6 | 4.5 | 5.0 | 87.1 | 0.6 | 0.5 | 1.0 | 0.5 | - | 0.6 | 87.1% | 98.1% | 58.5% |
| 39 | G4-3 | 3 | 2.7 | 1.9 | 86.2 | 5.5 | 0.5 | 1.2 | 0.2 | 0.8 | - | 0.5 | 86.2% | 98.4% | 57.2% |
| 40 | G4-4 | 7 | 2.2 | 4.3 | 1.3 | 1.7 | 2.1 | 2.2 | 80.6 | 4.6 | - | 0.6 | 80.6% | 97.5% | 46.5% |
| 41 | G4-5 | 8 | 0.6 | 3.9 | 1.2 | 3.6 | 0.7 | 1.3 | 2.4 | 86.0 | - | 0.6 | 86.0% | 99.1% | 53.5% |
| 42 | G4-6 | 6 | 2.4 | 3.7 | 5.2 | 1.4 | 2.7 | 79.6 | 1.9 | 2.4 | - | 0.6 | 79.6% | 97.8% | 42.5% |
| 43 | G4-7 | 5 | 2.0 | 7.1 | 3.6 | 10.4 | 64.5 | 1.4 | 2.0 | 8.3 | - | 0.5 | 64.5% | 92.1% | 25.5% |
| 44 | G4-8 | 4 | 4.3 | 4.9 | 5.8 | 69.0 | 8.1 | 2.8 | 2.4 | 2.0 | - | 0.5 | 69.0% | 94.3% | 31.1% |
| 45 | G4-9 | 1 | 63.4 | 6.6 | 9.0 | 6.6 | 3.1 | 3.6 | 3.9 | 3.4 | - | 0.5 | 63.4% | 92.1% | 26.4% |
| 46 | G4-10 | 2 | 1.3 | 68.9 | 3.9 | 2.4 | 7.9 | 5.0 | 5.4 | 4.7 | - | 0.6 | 68.9% | 95.9% | 25.2% |
| 47 | G4-11 | 5 | 4.8 | 18.4 | 12.3 | 6.1 | 23.6 | 11.2 | 13.0 | 9.6 | - | 0.2 | 23.6% | 37.1% | 14.5% |
| 48 | G4-12 | 6 | 8.0 | 10.8\* | 6.4 | 9.0 | 5.7 | 9.4 | 26.3\* | 23.5\* | - | 0.1 | 9.4% | 16.0% | 6.3% |

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| **No.** | **Question** | **Correct Answer** | **Response Percentages** |  |  |  |  |  |  |  | **Non Distractors** | **Point Biserial** | **Correct Group Responses** |  |  |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **Overall %** | **Bottom 25%** | **Top 25%** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 49 | G5-1 | 7 | 7.3 | 4.0 | 11.1 | 7.2 | 4.1 | 3.2 | 60.0 | 2.1 | - | 0.5 | 60.0% | 87.1% | 22.0% |
| 50 | G5-2 | 6 | 6.4 | 3.6 | 24.6 | 2.9 | 2.5 | 51.7 | 6.3 | 1.3 | - | 0.5 | 51.7% | 84.0% | 17.6% |
| 51 | G5-3 | 8 | 10.8 | 24.4 | 14.5 | 1.2 | 8.6 | 4.2 | 1.3 | 34.0 | - | 0.4 | 34.0% | 65.7% | 10.1% |
| 52 | G5-4 | 2 | 6.4 | 38.4 | 16.0 | 12.7 | 7.4 | 4.9 | 10.0 | 3.5 | - | 0.5 | 38.4% | 80.5% | 9.1% |
| 53 | G5-5 | 1 | 39.1 | 7.2 | 2.9 | 7.5 | 3.3 | 6.4 | 29.5 | 3.0 | - | 0.5 | 39.1% | 85.8% | 8.5% |
| 54 | G5-6 | 5 | 4.8 | 11.6 | 6.3 | 19.4 | 32.2 | 7.5 | 6.9 | 10.8 | - | 0.4 | 32.2% | 65.1% | 9.7% |
| 55 | G5-7 | 1 | 34.7 | 5.9 | 9.4 | 8.6 | 10.9 | 13.8 | 11.0 | 5.2 | - | 0.4 | 34.7% | 68.9% | 14.2% |
| 56 | G5-8 | 6 | 18.0\* | 8.1 | 2.8 | 2.3 | 19.6\* | 16.9 | 7.1 | 24.4\* | - | 0.3 | 16.9% | 41.8% | 5.0% |
| 57 | G5-9 | 3 | 12.3 | 4.5 | 16.2 | 19.3\* | 15.2 | 1.3 | 16.7\* | 14.5 | - | 0.2 | 16.2% | 35.8% | 9.7% |
| 58 | G5-10 | 2 | 10.1 | 11.5 | 13.4\* | 15.8\* | 6.4 | 9.2 | 25.7\* | 6.6 | - | 0.2 | 11.5% | 27.0% | 5.0% |
| 59 | G5-11 | 4 | 10.8\* | 4.3\* | 20.1\* | 3.8 | 20.3\* | 13.7\* | 16.5\* | 9.0\* | - | 0.0 | 3.8% | 6.6% | 3.1% |
| 60 | G5-12 | 5 | 19.9\* | 19.3\* | 16.4\* | 5.7 | 12.2 | 7.1 | 13.8\* | 4.7 | - | 0.1 | 12.2% | 18.2% | 12.6% |