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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| LAMPIRAN 12 | | |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **HASIL ANGKET PRETEST** | | | | | | | | | | | | | | | | | | | | | | | | |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Responden** | **ITEM** | | | | | | | | | | | | | | | | | | | | | | | | **JML** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 1 | 2 | 3 | 2 | 4 | 2 | 2 | 4 | 3 | 4 | 3 | 2 | 4 | 2 | 3 | 4 | 4 | 3 | 2 | 1 | 3 | 3 | 3 | 2 | 1 | 66 |
| 2 | 2 | 2 | 1 | 4 | 1 | 4 | 2 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 50 |
| 3 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | 39 |
| 4 | 2 | 2 | 1 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 4 | 3 | 4 | 3 | 2 | 2 | 3 | 2 | 4 | 55 |
| 5 | 1 | 2 | 1 | 1 | 1 | 2 | 3 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | 3 | 2 | 2 | 2 | 3 | 40 |
| 6 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 51 |
| 7 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 4 | 2 | 4 | 2 | 2 | 1 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 4 | 3 | 58 |
| 8 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 4 | 44 |
| 9 | 1 | 2 | 2 | 2 | 1 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 3 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 46 |
| 10 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 4 | 2 | 1 | 2 | 3 | 3 | 2 | 4 | 2 | 2 | 2 | 1 | 51 |
| 11 | 2 | 3 | 2 | 2 | 4 | 2 | 2 | 2 | 3 | 2 | 1 | 2 | 3 | 2 | 1 | 1 | 2 | 3 | 2 | 2 | 1 | 2 | 2 | 3 | 51 |
| 12 | 1 | 2 | 2 | 3 | 1 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 4 | 2 | 1 | 2 | 3 | 3 | 2 | 4 | 2 | 2 | 2 | 2 | 52 |
| **JUMLAH** | | | | | | | | | | | | | | | | | | | | | | | | | 603 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| LAMPIRAN 13 | | |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **HASIL ANGKET POSTTEST** | | | | | | | | | | | | | | | | | | | | | | | | |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Responden** | **ITEM** | | | | | | | | | | | | | | | | | | | | | | | | **JML** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 1 | 3 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 87 |
| 2 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 81 |
| 3 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 2 | 3 | 4 | 2 | 76 |
| 4 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 86 |
| 5 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 2 | 2 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 2 | 3 | 2 | 3 | 74 |
| 6 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 66 |
| 7 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 4 | 3 | 2 | 3 | 3 | 2 | 4 | 4 | 73 |
| 8 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 4 | 74 |
| 9 | 4 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 2 | 4 | 3 | 4 | 2 | 4 | 3 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 74 |
| 10 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 2 | 2 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 79 |
| 11 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 80 |
| 12 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 2 | 3 | 2 | 3 | 78 |
| **JUMLAH** | | | | | | | | | | | | | | | | | | | | | | | | | 928 |