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**Lampiran 1**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Data hasil belajar pretest siswa SMP N 5 DAN SMP N 1 LOSARI | | | | | | | |  | |  |
|  |  | | | |  |  |  | |
| Data Hasil Belajar Siswa SMP 5 brebes | | | | |  |  |  | |
| No. Responden | HASIL BELAJAR SISWA SMP 5 BREBES | | | |  |  |  | |
| 1 | 70 | | | |  |  |  | |
| 2 | 80 | | | |  |  |  | |
| 3 | 60 | | | |  |  |  | |
| 4 | 80 | | | |  |  |  | |
| 5 | 60 | | | |  |  |  | |
| 6 | 70 | | | |  |  |  | |
| 7 | 80 | | | |  |  |  | |
| 8 | 50 | | | |  |  |  | |
| 9 | 60 | | | |  |  |  | |
| 10 | 70 | | | |  |  |  | |
| 11 | 80 | | | |  |  |  | |
| 12 | 90 | | | |  |  |  | |
| 13 | 80 | | | |  |  |  | |
| 14 | 80 | | | |  |  |  | |
| 15 | 50 | | | |  |  |  | |
| 16 | 50 | | | |  |  |  | |
| 17 | 70 | | | |  |  |  | |
| 18 | 70 | | | |  |  |  | |
| 19 | 80 | | | |  |  |  | |
| 20 | 70 | | | |  |  |  | |
| 21 | 90 | | | |  |  |  | |
| 22 | 80 | | | |  |  |  | |
| 23 | 90 | | | |  |  |  | |
| 24 | 80 | | | |  |  |  | |
| 25 | 80 | | | |  |  |  | |
| 26 | 60 | | | |  |  |  | |
| 27 | 50 | | | |  |  |  | |
| 28 | 80 | | | |  |  |  | |
| 29 | 80 | | | |  |  |  | |
| 30 | 70 | | | |  |  |  | |
| 31 | 70 | | | |  |  |  | |
| 32 | 70 | | | |  |  |  | |
| 33 | 80 | | | |  |  |  | |
| 34 | 80 | | | |  |  |  | |
| 35 | 70 | | | |  |  |  | |
| 36 | 50 | | | |  |  |  | |
| 37 | 70 | | | |  |  |  | |
| 38 | 60 | | | |  |  |  | |
| 39 | 60 | | | |  |  |  | |
| 40 | 50 | | | |  |  |  | |
| 41 | 70 | | | |  |  |  | |
| 42 | 80 | | | |  |  |  | |
| 43 | 70 | | | |  |  |  | |
| 44 | 60 | | | |  |  |  | |
| 45 | 60 | | | |  |  |  | |
| 46 | 80 | | | |  |  |  | |
| 47 | 80 | | | |  |  |  | |
| 48 | 90 | | | |  |  |  | |
| 49 | 70 | | | |  |  |  | |
| 50 | 80 | | | |  |  |  | |
| 51 | 90 | | | |  |  |  | |
| 52 | 80 | | | |  |  |  | |
| 53 | 80 | | | |  |  |  | |
| 54 | 90 | | | |  |  |  | |
| 55 | 80 | | | |  |  |  | |
| 56 | 70 | | | |  |  |  | |
| 57 | 80 | | | |  |  |  | |
| 58 | 70 | | | |  |  |  | |
| 59 | 80 | | | |  |  |  | |
| 60 | 80 | | | |  |  |  | |
| 61 | 60 | | | |  |  |  | |
| 62 | 50 | | | |  |  |  | |
| 63 | 75 | | | |  |  |  | |
| 64 | 74 | | | |  |  |  | |
| 65 | 69 | | | |  |  |  | |
| 66 | 68 | | | |  |  |  | |
| 67 | 88 | | | |  |  |  | |
| 68 | 76 | | | |  |  |  | |
| 69 | 74 | | | |  |  |  | |
| 70 | 78 | | | |  |  |  | |
| 71 | 79 | | | |  |  |  | |
| 72 | 80 | | | |  |  |  | |
| 73 | 83 | | | |  |  |  | |
| 74 | 87 | | | |  |  |  | |
| 75 | 90 | | | |  |  |  | |
| 76 | 87 | | | |  |  |  | |
| 77 | 88 | | | |  |  |  | |
| 78 | 76 | | | |  |  |  | |
| 79 | 74 | | | |  |  |  | |
| 80 | 78 | | | |  |  |  | |
| 81 | 79 | | | |  |  |  | |
| 82 | 67 | | | |  |  |  | |
| 83 | 87 | | | |  |  |  | |
| 84 | 82 | | | |  |  |  | |
| 85 | 85 | | | |  |  |  | |
| 86 | 86 | | | |  |  |  | |
| 87 | 83 | | | |  |  |  | |
| 89 | 89 | | | |  |  |  | |
| 90 | 87 | | | |  |  |  | |
| 91 | 70 | | | |  |  |  | |
| 92 | 80 | | | |  |  |  | |
| 93 | 70 | | | |  |  |  | |
| 94 | 80 | | | |  |  |  | |
| 95 | 80 | | | |  |  |  | |
| 96 | 60 | | | |  |  |  | |
| 97 | 50 | | | |  |  |  | |
| 98 | 75 | | | |  |  |  | |
| 99 | 74 | | | |  |  |  | |
| 100 | 69 | | | |  |  |  | |
| 101 | 87 | | | |  |  |  | |
| 102 | 62 | | | |  |  |  | |
| 103 | 82 | | | |  |  |  | |
| 104 | 77 | | | |  |  |  | |
| 105 | 75 | | | |  |  |  | |
| 106 | 79 | | | |  |  |  | |
| 107 | 83 | | | |  |  |  | |
| 108 | 76 | | | |  |  |  | |
| 109 | 74 | | | |  |  |  | |
| 110 | 73 | | | |  |  |  | |
| 111 | 75 | | | |  |  |  | |
| 112 | 72 | | | |  |  |  | |
| 113 | 50 | | | |  |  |  | |
| 114 | 87 | | | |  |  |  | |
| 115 | 89 | | | |  |  |  | |
| 116 | 75 | | | |  |  |  | |
| 117 | 74 | | | |  |  |  | |
| 118 | 69 | | | |  |  |  | |
| 119 | 68 | | | |  |  |  | |
| 120 | 88 | | | |  |  |  | |
| 121 | 76 | | | |  |  |  | |
| 122 | 74 | | | |  |  |  | |
| 123 | 78 | | | |  |  |  | |
| 124 | 79 | | | |  |  |  | |
| 125 | 60 | | | |  |  |  | |
| 126 | 83 | | | |  |  |  | |
| 127 | 87 | | | |  |  |  | |
| 128 | 90 | | | |  |  |  | |
| 129 | 87 | | | |  |  |  | |
| 130 | 88 | | | |  |  |  | |
| 131 | 76 | | | |  |  |  | |
| 132 | 74 | | | |  |  |  | |
| 133 | 78 | | | |  |  |  | |
| 134 | 79 | | | |  |  |  | |
| 135 | 67 | | | |  |  |  | |
| 136 | 78 | | | |  |  |  | |
| 137 | 79 | | | |  |  |  | |
| 138 | 80 | | | |  |  |  | |
| TOTAL | 10275 | | | |  |  |  | |
|  |  | | | |  |  |  | |
|  |  | | | |  |  |  | |
| Data Hasil Belajar Siswa SMP N 1 LOSARI brebes | | | | |  |  |  | |
| No. Responden | HASIL BELAJAR SISWA SMP 1 LOSARI | | | |  |  |  | |
| 1 | 70 | | | |  |  |  | |
| 2 | 70 | | | |  |  |  | |
| 3 | 60 | | | |  |  |  | |
| 4 | 80 | | | |  |  |  | |
| 5 | 60 | | | |  |  |  | |
| 6 | 70 | | | |  |  |  | |
| 7 | 80 | | | |  |  |  | |
| 8 | 50 | | | |  |  |  | |
| 9 | 60 | | | |  |  |  | |
| 10 | 70 | | | |  |  |  | |
| 11 | 80 | | | |  |  |  | |
| 12 | 90 | | | |  |  |  | |
| 13 | 80 | | | |  |  |  | |
| 14 | 80 | | | |  |  |  | |
| 15 | 50 | | | |  |  |  | |
| 16 | 50 | | | |  |  |  | |
| 17 | 70 | | | |  |  |  | |
| 18 | 70 | | | |  |  |  | |
| 19 | 80 | | | |  |  |  | |
| 20 | 70 | | | |  |  |  | |
| 21 | 90 | | | |  |  |  | |
| 22 | 80 | | | |  |  |  | |
| 23 | 90 | | | |  |  |  | |
| 24 | 80 | | | |  |  |  | |
| 25 | 80 | | | |  |  |  | |
| 26 | 60 | | | |  |  |  | |
| 27 | 50 | | | |  |  |  | |
| 28 | 80 | | | |  |  |  | |
| 29 | 80 | | | |  |  |  | |
| 30 | 70 | | | |  |  |  | |
| 31 | 70 | | | |  |  |  | |
| 32 | 70 | | | |  |  |  | |
| 33 | 80 | | | |  |  |  | |
| 34 | 80 | | | |  |  |  | |
| 35 | 70 | | | |  |  |  | |
| 36 | 50 | | | |  |  |  | |
| 37 | 70 | | | |  |  |  | |
| 38 | 60 | | | |  |  |  | |
| 39 | 60 | | | |  |  |  | |
| 40 | 50 | | | |  |  |  | |
| 41 | 70 | | | |  |  |  | |
| 42 | 80 | | | |  |  |  | |
| 43 | 70 | | | |  |  |  | |
| 44 | 60 | | | |  |  |  | |
| 45 | 60 | | | |  |  |  | |
| 46 | 80 | | | |  |  |  | |
| 47 | 80 | | | |  |  |  | |
| 48 | 90 | | | |  |  |  | |
| 49 | 70 | | | |  |  |  | |
| 50 | 80 | | | |  |  |  | |
| 51 | 90 | | | |  |  |  | |
| 52 | 80 | | | |  |  |  | |
| 53 | 80 | | | |  |  |  | |
| 54 | 90 | | | |  |  |  | |
| 55 | 80 | | | |  |  |  | |
| 56 | 70 | | | |  |  |  | |
| 57 | 80 | | | |  |  |  | |
| 58 | 70 | | | |  |  |  | |
| 59 | 80 | | | |  |  |  | |
| 60 | 80 | | | |  |  |  | |
| 61 | 60 | | | |  |  |  | |
| 62 | 50 | | | |  |  |  | |
| 63 | 75 | | | |  |  |  | |
| 64 | 74 | | | |  |  |  | |
| 65 | 69 | | | |  |  |  | |
| 66 | 68 | | | |  |  |  | |
| 67 | 88 | | | |  |  |  | |
| 68 | 76 | | | |  |  |  | |
| 69 | 74 | | | |  |  |  | |
| 70 | 78 | | | |  |  |  | |
| 71 | 79 | | | |  |  |  | |
| 72 | 80 | | | |  |  |  | |
| 73 | 83 | | | |  |  |  | |
| 74 | 87 | | | |  |  |  | |
| 75 | 90 | | | |  |  |  | |
| 76 | 87 | | | |  |  |  | |
| 77 | 88 | | | |  |  |  | |
| 78 | 76 | | | |  |  |  | |
| 79 | 74 | | | |  |  |  | |
| 80 | 78 | | | |  |  |  | |
| 81 | 79 | | | |  |  |  | |
| 82 | 67 | | | |  |  |  | |
| 83 | 87 | | | |  |  |  | |
| 84 | 82 | | | |  |  |  | |
| 85 | 85 | | | |  |  |  | |
| 86 | 86 | | | |  |  |  | |
| 87 | 83 | | | |  |  |  | |
| 89 | 89 | | | |  |  |  | |
| 90 | 87 | | | |  |  |  | |
| 91 | 78 | | | |  |  |  | |
| 92 | 69 | | | |  |  |  | |
| 93 | 68 | | | |  |  |  | |
| 94 | 88 | | | |  |  |  | |
| 95 | 76 | | | |  |  |  | |
| 96 | 74 | | | |  |  |  | |
| 97 | 78 | | | |  |  |  | |
| 98 | 79 | | | |  |  |  | |
| 99 | 60 | | | |  |  |  | |
| 100 | 85 | | | |  |  |  | |
| 101 | 87 | | | |  |  |  | |
| 102 | 82 | | | |  |  |  | |
| 103 | 77 | | | |  |  |  | |
| 104 | 75 | | | |  |  |  | |
| 105 | 79 | | | |  |  |  | |
| 106 | 83 | | | |  |  |  | |
| 107 | 76 | | | |  |  |  | |
| 108 | 74 | | | |  |  |  | |
| 109 | 73 | | | |  |  |  | |
| 110 | 75 | | | |  |  |  | |
| 111 | 72 | | | |  |  |  | |
| 112 | 50 | | | |  |  |  | |
| 113 | 87 | | | |  |  |  | |
| 114 | 89 | | | |  |  |  | |
| 115 | 75 | | | |  |  |  | |
| 116 | 74 | | | |  |  |  | |
| 117 | 69 | | | |  |  |  | |
| 118 | 68 | | | |  |  |  | |
| 119 | 88 | | | |  |  |  | |
| 120 | 76 | | | |  |  |  | |
| 121 | 74 | | | |  |  |  | |
| 122 | 78 | | | |  |  |  | |
| 123 | 79 | | | |  |  |  | |
| 124 | 60 | | | |  |  |  | |
| 125 | 83 | | | |  |  |  | |
| 126 | 87 | | | |  |  |  | |
| 127 | 90 | | | |  |  |  | |
| 128 | 87 | | | |  |  |  | |
| 129 | 88 | | | |  |  |  | |
| 130 | 76 | | | |  |  |  | |
| 131 | 74 | | | |  |  |  | |
| 132 | 78 | | | |  |  |  | |
| 133 | 79 | | | |  |  |  | |
| 134 | 67 | | | |  |  |  | |
| 135 | 78 | | | |  |  |  | |
| 136 | 79 | | | |  |  |  | |
| 137 | 80 | | | |  |  |  | |
| 138 | 78 | | | |  |  |  | |
| 139 | 69 | | | |  |  |  | |
| 140 | 68 | | | |  |  |  | |
| 141 | 88 | | | |  |  |  | |
| 142 | 76 | | | |  |  |  | |
| 143 | 74 | | | |  |  |  | |
| 144 | 78 | | | |  |  |  | |
| 145 | 79 | | | |  |  |  | |
| 146 | 60 | | | |  |  |  | |
| 147 | 61 | | | |  |  |  | |
| Total | 10981 | | | |  |  |  | |
|  |  | | | |  |  |  | |
| HASIL BELAJAR POST TEST | | TREATMEN | KELOMPOK KONTROL | KELOMPOK KONTROL | | | |
| 70 | |  | SEDANG |  | | | |
| 80 | |  |  | TINGGI | | | |
| 60 | | RENDAH |  |  | | | |
| 80 | |  |  | TINGGI | | | |
| 60 | | RENDAH |  |  | | | |
| 70 | |  | SEDANG |  | | | |
| 80 | |  |  | TINGGI | | | |
| 50 | | RENDAH |  |  | | | |
| 60 | | RENDAH |  |  | | | |
| 70 | |  | SEDANG |  | | | |
| 80 | |  |  | TINGGI | | | |
| 90 | |  |  | TINGGI | | | |
| 80 | |  |  | TINGGI | | | |
| 80 | |  |  | TINGGI | | | |
| 50 | | RENDAH |  |  | | | |
| 50 | | RENDAH |  |  | | | |
| 70 | |  | SEDANG |  | | | |
| 70 | |  | SEDANG |  | | | |
| 80 | |  |  | TINGGI | | | |
| 70 | |  | SEDANG |  | | | |
| 90 | |  |  | TINGGI | | | |
| 80 | |  |  | TINGGI | | | |
| 90 | |  |  | TINGGI | | | |
| 80 | |  |  | TINGGI | | | |
| 80 | |  |  | TINGGI | | | |
| 60 | | RENDAH |  |  | | | |
| 50 | | RENDAH |  |  | | | |
| 80 | |  |  | TINGGI | | | |
| 80 | |  |  | TINGGI | | | |
| 70 | |  | SEDANG |  | | | |
| 70 | |  | SEDANG |  | | | |
| 70 | |  | SEDANG |  | | | |
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| 79 | |  |  | TINGGI | | | |
| 71 | |  | SEDANG |  | | | |
| 60 | | RENDAH |  |  | | | |
| 61 | | RENDAH |  |  | | | |
| 21378 | | 42 | 95 | 148 | | | |
| RATA RATA | | JUMLAH | JUMLAH | JUMLAH | | | |

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| KATEGORI HASIL | AKTIVITAS DAN HASIL BELAJAR |  |  | SISWA SMP N 5 BREBES |  |  |
|  |  |  |  | TOTAL |  |  |
| skor | Rendah | sedang | tinggi | RENDAH | SEDANG | TINGGI |
|  |  |  |  |  |  |  |
| 70 |  | 1 |  |  | 70 |  |
| 80 |  |  | 1 |  |  | 80 |
| 60 | 1 |  |  | 60 |  |  |
| 80 |  |  | 1 |  |  | 80 |
| 60 | 1 |  |  | 60 |  |  |
| 70 |  | 1 |  |  | 70 |  |
| 80 |  |  | 1 |  |  | 80 |
| 50 | 1 |  |  | 50 |  |  |
| 60 | 1 |  |  | 60 |  |  |
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| 80 |  |  | 1 |  |  | 80 |
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| TOTAL | 21 | 45 | 72 |  |  |  |
|  |  |  |  | 1172 | 3227 | 5946 |
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| KATEGORI HASIL | AKTIVITAS DAN HASIL BELAJAR |  |  | SISWA SMP N 1 LOSARI BREBES |  |  |