Lampiran B Analisis Uji Coba Instrumen

Jumlah mahasiswa peserta uji coba soal = 30 mahasiswa

Total soal = 10 soal

Skor tiap soal = 10

Total Skor = 100

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Nomor Soal | | | | | | | | | | Jumlah |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Skor Yang Dicapai mahasiswa | | | | | | | | | | Skore |
| 1 | 8 | 8 | 8 | 9 | 8 | 10 | 8 | 7 | 6 | 3 | 67 |
| 2 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 2 | 34 |
| 3 | 5 | 3 | 5 | 5 | 5 | 5 | 3 | 1 | 1 | 4 | 32 |
| 4 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 1 | 1 | 0 | 30 |
| 5 | 5 | 3 | 5 | 5 | 5 | 5 | 3 | 1 | 1 | 2 | 30 |
| 6 | 6 | 1 | 5 | 4 | 5 | 5 | 3 | 0 | 4 | 1 | 28 |
| 7 | 5 | 1 | 5 | 5 | 5 | 5 | 2 | 1 | 1 | 4 | 29 |
| 8 | 2 | 2 | 5 | 4 | 6 | 5 | 3 | 1 | 2 | 1 | 29 |
| 9 | 5 | 1 | 2 | 5 | 5 | 3 | 4 | 1 | 3 | 0 | 24 |
| 10 | 3 | 1 | 2 | 3 | 5 | 5 | 2 | 1 | 3 | 1 | 23 |
| 11 | 5 | 2 | 2 | 4 | 3 | 5 | 1 | 1 | 2 | 0 | 20 |
| 12 | 5 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 2 | 22 |
| 13 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 1 | 23 |
| 14 | 1 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 0 | 23 |
| 15 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 1 | 22 |
| 16 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 1 | 21 |
| 17 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 21 |
| 18 | 2 | 4 | 2 | 0 | 2 | 2 | 4 | 2 | 1 | 1 | 18 |
| 19 | 3 | 1 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 2 | 18 |
| 20 | 0 | 2 | 3 | 3 | 3 | 3 | 2 | 1 | 1 | 0 | 18 |
| 21 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 1 | 1 | 0 | 17 |
| 22 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 1 | 1 | 0 | 16 |
| 23 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 0 | 2 | 0 | 17 |
| 24 | 0 | 1 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 1 | 17 |
| 25 | 3 | 1 | 3 | 3 | 3 | 3 | 1 | 0 | 2 | 0 | 16 |
| 26 | 0 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 15 |
| 27 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 12 |
| 28 | 2 | 0 | 2 | 2 | 2 | 2 | 4 | 0 | 1 | 0 | 13 |
| 29 | 1 | 0 | 2 | 2 | 1 | 2 | 0 | 2 | 1 | 1 | 11 |
| 30 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 8 |

Hasil Analisis Tingkat Kesukaran dan Daya Beda

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Nomor | Tingkat Kesukaran | | Daya Beda | |
| Soal | Indeks | Tafsiran | Indeks | Tafsiran |
| 1 | 0.44 | Soal Sedang | 0.43 | Daya Beda Baik |
| 2 | 0.27 | Soal Sedang | 0.24 | Daya Beda Sedang |
| 3 | 0.46 | Soal Sedang | 0.33 | Daya Beda Sedang |
| 4 | 0.49 | Soal Sedang | 0.35 | Daya Beda Sedang |
| 5 | 0.49 | Soal Sedang | 0.47 | Daya Beda Baik |
| 6 | 0.51 | Soal Sedang | 0.39 | Daya Beda Sedang |
| 7 | 0.35 | Soal Sedang | 0.28 | Daya Beda Sedang |
| 8 | 0.15 | Soal Sulit | 0.09 | Daya Beda jelek |
| 9 | 0.23 | Soal Sulit | 0.16 | Daya Beda jelek |
| 10 | 0.19 | Soal Sulit | 0.19 | Daya Beda jelek |

**Analisis validitas instrumen soal**





|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Soal 1 | 10946 | 5036 | 46844 | Interpretasi validitas |
|  |  | 235906384 | 15359.24425 |  |
|  |  | **0.712665273** |  | tinggi |
|  |  |  |  |  |
| Soal 2 | 7450 | 2525 | 46844 |  |
|  |  | 118281100 | 10875.71147 |  |
|  |  | **0.685012656** |  | tinggi |
|  |  |  |  |  |
| Soal 3 | 8946 | 2049 | 46844 |  |
|  |  | 95983356 | 9797.109574 |  |
|  |  | **0.913126462** |  | sangat tinggi |
|  |  |  |  |  |
| Soal 4 | 6616 | 2324 | 46844 |  |
|  |  | 108865456 | 10433.86103 |  |
|  |  | **0.634089335** |  | tinggi |
|  |  |  |  |  |
| Soal 5 | 9736 | 2444 | 46844 |  |
|  |  | 114486736 | 10699.84748 |  |
|  |  | **0.909919513** |  | sangat tinggi |
|  |  |  |  |  |
| Soal 6 | 10240 | 2540 | 46844 |  |
|  |  | 118983760 | 10907.96773 |  |
|  |  | **0.93876332** |  | sangat tinggi |
|  |  |  |  |  |
| Soal 7 | 7244 | 2324 | 46844 |  |
|  |  | 108865456 | 10433.86103 |  |
|  |  | **0.694277984** |  | tinggi |
|  |  |  |  |  |
| Soal 8 | 4240 | 1505 | 46844 |  |
|  |  | 70500220 | 8396.440913 |  |
|  |  | **0.504975863** |  | sedang |
|  |  |  |  |  |
| Soal 9 | 4468 | 1421 | 46844 |  |
|  |  | 66565324 | 8158.757503 |  |
|  |  | **0.547632406** |  | sedang |
|  |  |  |  |  |
| Soal 10 | 3086 | 1124 | 46844 |  |
|  |  | 52652656 | 7256.214991 |  |
|  |  | **0.425290596** |  | sedang |