## DATA HASIL PENILAIAN

### Tabel data hasil penilaian kualitas buku panduan pendidik menurut pendidik kimia SMA/MA

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Aspek Penilaian** | **Indikator** | **Penilai** | | | ∑ **Skor** | ∑ **Skor Maks Ideal** | **Rata-rata** | **Persentase Keidealan (%)** | **Kategori** |
| **1** | **2** | **3** |
| 1 | Kelayakan Isi | 1 | 4 | 4 | 5 | 39 | 45 | 13 | 87 | B |
| 2 | 4 | 4 | 5 |
| 3 | 4 | 4 | 5 |
| 2 | Kelayakan Bahasa | 4 | 5 | 4 | 5 | 52 | 60 | 17,33 | 87 | SB |
| 5 | 4 | 4 | 5 |
| 6 | 4 | 4 | 5 |
| 7 | 4 | 4 | 4 |
| 3 | Penyajian | 8 | 4 | 5 | 5 | 41 | 45 | 13,67 | 91 | SB |
| 9 | 4 | 5 | 5 |
| 10 | 4 | 5 | 4 |
| 4 | Kegraikaan | 11 | 5 | 5 | 5 | 28 | 30 | 9,33 | 93 | SB |
| 12 | 4 | 5 | 4 |
| 5 | Karakteristik Buku Pendidik | 13 | 5 | 4 | 5 | 50 | 60 | 16,67 | 83 | B |
| 14 | 4 | 4 | 4 |
| 15 | 4 | 4 | 4 |
| 16 | 4 | 4 | 4 |
| 6 | Pendekatan CEP | 17 | 4 | 3 | 4 | 34 | 45 | 11,33 | 76 | B |
| 18 | 4 | 4 | 4 |
| 19 | 4 | 3 | 4 |
| **Total** | | | **79** | **79** | **86** | **244** | **285** | **81, 33** | **86** | **SB** |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A. Perhitungan kualitas Buku Panduan Pendidik secara keseluruhan | | | | | | | | | | |  |
|  | 1. Skor maksimal ideal | | = | ∑ butir kriteria × skor tertinggi | | | | | | |  |
|  |  |  | = | 19 | × | 5 | | |  |  |  |
|  |  |  | = | 95 | | | | |  |  |  |
|  |  |  |  |  | | |  |  |  |  |  |
|  | 2. Skor minimal ideal | | = | ∑ butir kriteria × skor terendah | | | | | | |  |
|  |  |  | = | 19 | × | 1 | | |  |  |  |
|  |  |  | = | 19 | | | | |  |  |  |
|  |  |  |  |  | | |  |  |  |  |  |
|  | 3. Xi | | = | 1/2 (skor maksimal ideal + skor minimal ideal) | | | | | | | |
|  |  |  | = | 1/2 | (95 + 19) | | | | | | |
|  |  |  | = | 1/2 | × | 114 | | |  |  |  |
|  |  |  | = | 57 |  |  | | |  |  |  |
|  |  |  |  |  |  |  | | |  |  |  |
|  | 4. Sbi |  | = | 1/6 x (skor maksimal ideal - skor minimal ideal) | | | | | | | |
|  |  |  | = | 1/6 | (95 - 19) | | | | | | |
|  |  |  | = | 1/6 | x | 76 | | |  |  |  |
|  |  |  | = | 12,7 |  |  | | |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Rentang Skor** | | | **Kategori** |
| X | > | 79,8 | Sangat Baik |
| 64,6 | < X ≤ | 79,8 | baik |
| 49,4 | < X ≤ | 64,6 | Cukup |
| 34,2 | < X ≤ | 49,4 | Kurang |
| X | ≤ | 34,2 | Sangat Kurang |

Berdasarkan kriteria penilaian ideal, kualitas buku panduan pendidik menurut pendidik adalah **Sangat Baik (SB)**, dengan skor rata-rata yang diperoleh yaitu 81,33.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| B. Perhitungan kualitas Buku Panduan Pendidik untuk tiap aspek | | | | | | | | | | | | | |  |
|  | > Aspek A (Kelayakan Isi) | | |  | | |  |  | |  | |  | |  |
|  | 1. Skor maksimal ideal | | = | ∑ butir kriteria × skor tertinggi | | | | | | | | | |  |
|  |  |  | = | 3 | × | 5 | | | |  | |  | |  |
|  |  |  | = | 15 | | | | | |  | |  | |  |
|  |  |  |  |  | | |  |  | |  | |  | |  |
|  | 2. Skor minimal ideal | | = | ∑ butir kriteria × skor terendah | | | | | | | | | |  |
|  |  |  | = | 3 | × | 1 | | | |  | |  | |  |
|  |  |  | = | 3 | | | | | |  | |  | |  |
|  |  |  |  |  | | |  |  | |  | |  | |  |
|  | 3. Xi | | = | 1/2 (skor maksimal ideal + skor minimal ideal) | | | | | | | | | | |
|  |  |  | = | 1/2 | (15 + 3) | | | | |  | |  | |  |
|  |  |  | = | 1/2 | × | 18 | | | |  | |  | |  |
|  |  |  | = | 9 |  |  | | | |  | |  | |  |
|  |  |  |  |  |  |  | | | |  | |  | |  |
|  | 4. Sbi |  | = | 1/6 x (skor maksimal ideal - skor minimal ideal) | | | | | | | | | | |
|  |  |  | = | 1/6 | (15 - 3) | | | |  | |  | |  | |
|  |  |  | = | 1/6 | x | 12 | | |  | |  | |  | |
|  |  |  | = | 2 |  |  | | |  | |  | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Rentang Skor** | | | **Kategori** |
| X | > | 12,6 | Sangat Baik |
| 10,2 | < X ≤ | 12,6 | baik |
| 7,8 | < X ≤ | 10,2 | Cukup |
| 5,4 | < X ≤ | 7,8 | Kurang |
| X | ≤ | 5,4 | Sangat Kurang |

Berdasarkan kriteria penilaian ideal, kualitas buku panduan pendidik aspek A (Kelayakan Isi) menurut dosen ahli adalah **Sangat Baik (SB)**, dengan skor rata-rata yang diperoleh yaitu 13 dan menurut pendidik kimia SMA/MA adalah **Sangat Baik (SB)**, dengan skor rata-rata yang diperoleh yaitu 13.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| > Aspek B (Kelayakan Bahasa) | | | | | | | | | |  | |
| 1. Skor maksimal ideal | | = | ∑ butir kriteria × skor tertinggi | | | | | | | |  |
|  |  | = | 4 | × | | 5 | |  |  | |  |
|  |  | = | 20 | | | | |  |  | |  |
|  |  |  |  | |  | |  |  |  | |  |
| 2. Skor minimal ideal | | = | ∑ butir kriteria × skor terendah | | | | | | | |  |
|  |  | = | 4 | × | | 1 | |  |  | |  |
|  |  | = | 4 | | | | |  |  | |  |
|  |  |  |  | |  | |  |  |  | |  |
| 3. Xi | | = | 1/2 (skor maksimal ideal + skor minimal ideal) | | | | | | | | |
|  |  | = | 1/2 | (20 + 4) | | | |  |  | |  |
|  |  | = | 1/2 | × | | 24 | |  |  | |  |
|  |  | = | 12 |  | |  | |  |  | |  |
|  |  |  |  |  | |  | |  |  | |  |
| 4. Sbi |  | = | 1/6 x (skor maksimal ideal - skor minimal ideal) | | | | | | | | |
|  |  | = | 1/6 | (20 - 4) | | | |  |  | |  |
|  |  | = | 1/6 | - | | 16 | |  |  | |  |
|  |  | = | 2,67 |  | |  | |  |  | |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Rentang Skor** | | | **Kategori** |
| X | > | 16,8 | Sangat Baik |
| 13,6 | < X ≤ | 16,8 | baik |
| 10,4 | < X ≤ | 13,6 | Cukup |
| 7,2 | < X ≤ | 10,4 | Kurang |
| X | ≤ | 7,2 | Sangat Kurang |

Berdasarkan kriteria penilaian ideal, kualitas buku panduan pendidik aspek B (Kelayakan Bahasa) menurut dosen ahli adalah **Sangat Baik (SB)**, dengan skor rata-rata yang diperoleh yaitu 17 dan menurut pendidik kimia SMA/MA adalah **Sangat Baik (SB)**, dengan skor rata-rata yang diperoleh yaitu 17,33.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| > Aspek C (Penyajian) | | |  | | |  |  | |  | |  | |  |
| 1. Skor maksimal ideal | | = | ∑ butir kriteria × skor tertinggi | | | | | | | | | |  |
|  |  | = | 3 | × | 5 | | | |  | |  | |  |
|  |  | = | 15 | | | | | |  | |  | |  |
|  |  |  |  | | |  |  | |  | |  | |  |
| 2. Skor minimal ideal | | = | ∑ butir kriteria × skor terendah | | | | | | | | | |  |
|  |  | = | 3 | × | 1 | | | |  | |  | |  |
|  |  | = | 3 | | | | | |  | |  | |  |
|  |  |  |  | | |  |  | |  | |  | |  |
| 3. Xi | | = | 1/2 (skor maksimal ideal + skor minimal ideal) | | | | | | | | | | |
|  |  | = | 1/2 | (15 + 3) | | | | |  | |  | |  |
|  |  | = | 1/2 | + | 18 | | | |  | |  | |  |
|  |  | = | 9 |  |  | | | |  | |  | |  |
|  |  |  |  |  |  | | | |  | |  | |  |
| 4. Sbi |  | = | 1/6 x (skor maksimal ideal - skor minimal ideal) | | | | | | | | | | |
|  |  | = | 1/6 | (15 - 3) | | | |  | |  | |  | |
|  |  | = | 1/6 | x | 12 | | |  | |  | |  | |
|  |  | = | 2 |  |  | | |  | |  | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Rentang Skor** | | | **Kategori** |
| X | > | 12,6 | Sangat Baik |
| 10,2 | < X ≤ | 12,6 | baik |
| 7,8 | < X ≤ | 10,2 | Cukup |
| 5,4 | < X ≤ | 7,8 | Kurang |
| X | ≤ | 5,4 | Sangat Kurang |

Berdasarkan kriteria penilaian ideal, kualitas buku panduan pendidik aspek C (Penyajian) menurut dosen ahli adalah **Sangat Baik (SB)**, dengan skor rata-rata yang diperoleh yaitu 14 dan menurut pendidik kimia SMA/MA adalah **Sangat Baik (SB)**, dengan skor rata-rata yang diperoleh yaitu 13,67.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| > Aspek D (Kegrafikaan) | | |  | | |  | |  |  |  |  |
| 1. Skor maksimal ideal | | = | | ∑ butir kriteria × skor tertinggi | | | | | | |  |
|  |  | = | | 2 | × | | 5 | |  |  |  |
|  |  | = | | 10 | | | | |  |  |  |
|  |  |  | |  | |  | |  |  |  |  |
| 2. Skor minimal ideal | | = | | ∑ butir kriteria × skor terendah | | | | | | |  |
|  |  | = | | 2 | × | | 1 | |  |  |  |
|  |  | = | | 2 | | | | |  |  |  |
|  |  |  | |  | |  | |  |  |  |  |
| 3. Xi | | = | | 1/2 (skor maksimal ideal + skor minimal ideal) | | | | | | | |
|  |  | = | | 1/2 | (10 + 2) | | | |  |  |  |
|  |  | = | | 1/2 | × | | 12 | |  |  |  |
|  |  | = | | 6 |  | |  | |  |  |  |
|  |  |  | |  |  | |  | |  |  |  |
| 4. Sbi |  | = | | 1/6 x (skor maksimal ideal - skor minimal ideal) | | | | | | | |
|  |  | = | | 1/6 | (10 - 2) | | | |  |  |  |
|  |  | = | | 1/6 | x | | 8 | |  |  |  |
|  |  | = | | 1,33 |  | |  | |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Rentang Skor** | | | **Kategori** |
| X | > | 8,4 | Sangat Baik |
| 6,8 | < X ≤ | 8,4 | baik |
| 5,2 | < X ≤ | 6,8 | Cukup |
| 3,6 | < X ≤ | 5,2 | Kurang |
| X | ≤ | 3,6 | Sangat Kurang |

Berdasarkan kriteria penilaian ideal, kualitas buku panduan pendidik aspek D (Kegrafikaan) menurut dosen ahli adalah **Baik (B)**, dengan skor rata-rata yang diperoleh yaitu 8 dan menurut pendidik kimia SMA/MA adalah **Sangat Baik (SB)**, dengan skor rata-rata yang diperoleh yaitu 9,33.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| > Aspek E (Karakteristik Buku guru) | | | | | | | | | |  | |
| 1. Skor maksimal ideal | | = | ∑ butir kriteria × skor tertinggi | | | | | | | |  |
|  |  | = | 4 | × | | 5 | |  |  | |  |
|  |  | = | 20 | | | | |  |  | |  |
|  |  |  |  | |  | |  |  |  | |  |
| 2. Skor minimal ideal | | = | ∑ butir kriteria × skor terendah | | | | | | | |  |
|  |  | = | 4 | × | | 1 | |  |  | |  |
|  |  | = | 4 | | | | |  |  | |  |
|  |  |  |  | |  | |  |  |  | |  |
| 3. Xi | | = | 1/2 (skor maksimal ideal - skor minimal ideal) | | | | | | | | |
|  |  | = | 1/2 | (20 - 4) | | | |  |  | |  |
|  |  | = | 1/2 | × | | 24 | |  |  | |  |
|  |  | = | 12 |  | |  | |  |  | |  |
|  |  |  |  |  | |  | |  |  | |  |
| 4. Sbi |  | = | 1/6 x (skor maksimal ideal - skor minimal ideal) | | | | | | | | |
|  |  | = | 1/6 | (20 x 4) | | | |  |  | |  |
|  |  | = | 1/6 | x | | 16 | |  |  | |  |
|  |  | = | 2,67 |  | |  | |  |  | |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Rentang Skor** | | | **Kategori** |
| X | > | 16,8 | Sangat Baik |
| 13,6 | < X ≤ | 16,8 | baik |
| 10,4 | < X ≤ | 13,6 | Cukup |
| 7,2 | < X ≤ | 10,4 | Kurang |
| X | ≤ | 7,2 | Sangat Kurang |

Berdasarkan kriteria penilaian ideal, kualitas buku panduan pendidik aspek E (Karakteristik Buku Pendidik) menurut dosen ahli adalah **Sangat Baik (SB)**, dengan skor rata-rata yang diperoleh yaitu 17 dan menurut pendidik kimia SMA/MA adalah **Baik (B)**, dengan skor rata-rata yang diperoleh yaitu 16,67.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| > Aspek F (Pendekatan CEP) | | | | | |  |  | |  | |  | |  |
| 1. Skor maksimal ideal | | = | ∑ butir kriteria × skor tertinggi | | | | | | | | | |  |
|  |  | = | 3 | × | 5 | | | |  | |  | |  |
|  |  | = | 15 | | | | | |  | |  | |  |
|  |  |  |  | | |  |  | |  | |  | |  |
| 2. Skor minimal ideal | | = | ∑ butir kriteria × skor terendah | | | | | | | | | |  |
|  |  | = | 3 | × | 1 | | | |  | |  | |  |
|  |  | = | 3 | | | | | |  | |  | |  |
|  |  |  |  | | |  |  | |  | |  | |  |
| 3. Xi | | = | 1/2 (skor maksimal ideal + skor minimal ideal) | | | | | | | | | | |
|  |  | = | 1/2 | (15 + 3) | | | | |  | |  | |  |
|  |  | = | 1/2 | × | 18 | | | |  | |  | |  |
|  |  | = | 9 |  |  | | | |  | |  | |  |
|  |  |  |  |  |  | | | |  | |  | |  |
| 4. Sbi |  | = | 1/6 x (skor maksimal ideal - skor minimal ideal) | | | | | | | | | | |
|  |  | = | 1/6 | (15 - 3) | | | |  | |  | |  | |
|  |  | = | 1/6 | x | 12 | | |  | |  | |  | |
|  |  | = | 2 |  |  | | |  | |  | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Rentang Skor** | | | **Kategori** |
| X | > | 12,6 | Sangat Baik |
| 10,2 | < X ≤ | 12,6 | baik |
| 7,8 | < X ≤ | 10,2 | Cukup |
| 5,4 | < X ≤ | 7,8 | Kurang |
| X | ≤ | 5,4 | Sangat Kurang |

Berdasarkan kriteria penilaian ideal, kualitas buku panduan pendidik aspek F (Pendekatan CEP) menurut dosen ahli adalah **Cukup (C)**, dengan skor rata-rata yang diperoleh yaitu 9 dan menurut pendidik kimia SMA/MA adalah **Baik (B)**, dengan skor rata-rata yang diperoleh yaitu 11,33.

**Persentasi Keidealan Kualitas Buku Panduan Pendidik**

|  |  |  |  |
| --- | --- | --- | --- |
| > | Persentasi keidealan (P) | |  |
| A. | Persentasi keidealan seluruh aspek | | |
|  | 1. | Dosen ahli materi |  |
|  | 2. | Dosen ahli media |  |
|  | 3. | Pendidik kimia |  |
| B. | Persentasi keidealan Aspek Kelayakan Isi | | |
|  | 1. | Dosen ahli |  |
|  | 2. | Pendidik kimia |  |
| C. | Persentasi keidealan Aspek Kelayakan Bahasa | | |
|  | 1. | Dosen ahli |  |
|  | 2. | Pendidik kimia |  |
| D. | Persentasi keidealan Aspek Penyajian | | |
|  | 1. | Dosen ahli |  |
|  | 2. | Pendidik kimia |  |
| E. | Persentasi keidealan Aspek Kegrafikaan | | |
|  | 1. | Dosen ahli |  |
|  | 2. | Pendidik kimia |  |
| F. | Persentasi keidealan Aspek karakteristik Buku Pendidik | | |
|  | 1. | Dosen ahli |  |
|  | 2. | Pendidik kimia |  |
| G. | Persentasi keidealan Aspek | | |
|  | 1. | Dosen ahli |  |
|  | 2. | Pendidik kimia |  |

### Tabel data hasil respon pendidik buku panduan pendidik

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Aspek Penilaian** | **Indikator** | **Responden** | | | | **∑ Skor** | | **∑ Skor Maks**  **Ideal** | **Rata-rata** | **Persentase Keidealan (%)** |
| **1** | **2** | **3** | **4** |
| 1 | Kelayakan Isi | 1 | 1 | 1 | 1 | 1 | 4 | | 4 | 1 | 100 |
| 2 | Kelayakan Bahasa | 2 | 1 | 1 | 1 | 1 | 4 | | 4 | 1 | 100 |
| 3 | Penyajian | 3 | 1 | 1 | 1 | 1 | 8 | | 8 | 2 | 100 |
| 4 | 1 | 1 | 1 | 1 |
| 4 | Kegraikaan | 5 | 1 | 1 | 1 | 1 | 11 | | 12 | 2,75 | 91,67 |
| 5 | Karakteristik Buku Pendidik | 6 | 1 | 1 | 1 | 1 | | 3 | 4 | 0,75 | 75 |
| 7 | 1 | 1 | 1 | 0 | |
| 8 | 1 | 1 | 1 | 0 | |
| 6 | Pendekatan CEP | 9 | 1 | 1 | 1 | 1 | | 7 | 8 | 1,75 | 87,5 |
| 10 | 1 | 1 | 1 | 0 | |
| **Total** | | | **10** | **10** | **10** | **7** | | **37** | **40** | **9,25** | **92,5** |

**Persentasi Keidealan Respon Buku Panduan Pendidik**

|  |  |
| --- | --- |
| Persentasi keidealan (P) |  |
| Persentasi keidealan |  |
| Persentasi keidealan Aspek A |  |
| Persentasi keidealan Aspek B |  |
| Persentasi keidealan Aspek C |  |
| Persentasi keidealan Aspek D |  |
| Persentasi keidealan Aspek E |  |
| Persentasi keidealan Aspek F |  |