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**Lampiran 1 Kuesioner Penelitian**

**KUESIONER**

**EFEKTIVITAS EDUKASI IMUNISASI DENGAN MEDIA ANIMASI TERHADAP PERUBAHAN PERILAKU PADA IBU BAYI <12 BULAN DI PUSKESMAS SEI SEMAYANG KABUPATEN DELI SERDANG TAHUN 2026**

**A. Identitas Responden**

a) Nama Ibu :

b) No Hp :

**B. Petunjuk Pengisian**

1. Bacalah setiap pernyataan dengan seksama.
2. Pilihlah salah satu jawaban yang paling sesuai dengan pendapat anda.
3. Berilah tanda (✓) pada kolom yang sesuai dengan pendapat Ibu.

**Keterangan Jawaban :**

- Benar ( B ) dengan nilai 1
- Salah ( S ) dengan nilai 0

**PENGETAHUAN IBU TENTANG IMUNISASI DASAR**

| NO | PERTANYAAN | Benar | Salah |
|---|---|---|---|
| 1 | Imunisasi adalah suatu cara untuk meningkatkan kekebalan tubuh bayi | | |
| 2 | Imunisasi untuk mencegah penyakit bukan menyembuhkan penyakit | | |
| 3 | Manfaat imunisasi itu lebih besar dari pada kerugiannya (efek samping) | | |
| 4 | Imunisasi bertujuan untuk mencegah penyakit tertentu | | |
| 5 | Jenis imunisasi dasar yang diberikan pada waktu anak lahir adalah BCG | | |
| 6 | Imunisasi BCG untuk mencegah penyakit TBC | | |
| 7 | Imunisasi yang diberikan kepada bayi ada 2 jenis imunisasi, yaitu imunisasi dasar dan imunisasi anjuran | | |
| 8 | Imunisasi anti polio digunakan untuk mencegah penyakit polio | | |
| 9 | Pada anak usia 2 tahun diberikan imunisasi campak | | |
| 10 | Imunisasi polio diberikan kepada anak 6x pemberian, salah satunya diberikan pada bayi saat lahir | | |

| | | | |
|---|---|---|---|
| 11 | Posyandu adalah tempat untuk memberikan imunisasi pada anak | | |
| 12 | Jika imunisasi anjuran yang diberikan pada balita lengkap, maka lengkaplah imunisasi pada balita | | |
| 13 | Imunisasi campak yang diberikan 1x akan memberikan kekebalan seumur hidup | | |
| 14 | Jika anak anda berumur 3 bulan terlambat diberikan imunisasi di Posyandu, maka imunisasi yang diberikan sebelumnya akan diulang. | | |
| 15 | Pemberian imunisasi yang tidak lengkap, akan mengakibatkan tingkat kekebalan pada bayi menjadi rendah | | |
| 16 | Pemberian imunisasi yang lengkappada balita berumur 5 tahun | | |
| 17 | Imunisasi yang lengkap dapat menurunkan angka kesakitan dan kematian pada bayi dan balita | | |
| 18 | Efek samping yang ditimbulkan anak anda, saat dan setelah diimunisasi mengalami kemerahan dan nyeri di area penyuntikan | | |
| 19 | Setelah pemberian imunisasi DPT efek yang timbul adalah panas dan ibu selalu memberikan kompres air dingin untuk menurunkan panas | | |
| 20 | Setelah pemberian imunisasi DPT dan Hepatitis B, ibu tidak akan memandikan anaknya | | |
| 21 | Imunisasi dasar terakhir yang diberikan adalah imunisasi campak | | |
| 22 | Imunisasi campak diberikan pada usia lebih dari 1 tahun | | |

Sumber : (HASANAH, 2020). ” Hubungan Tingkat Pengetahuan Ibu Tentang Imunisasi Dasar Terhadap Kepatuhan Pemberian Imunisasi Dasar Pada Bayi di wilayah kerja Puskesmas Madurejo Pangkalan Bun”

**KUESIONER**

**EFEKTIVITAS EDUKASI IMUNISASI DENGAN MEDIA ANIMASI TERHADAP PERUBAHAN PERILAKU PADA IBU BAYI <12 BULAN DI PUSKESMAS SEI SEMAYANG KABUPATEN DELI SERDANG TAHUN 2026**

**A. Identitas Responden**

a) Nama Ibu :

b) No Hp :

**B. Petunjuk Pengisian**

1. Bacalah setiap pernyataan dengan seksama.
2. Pilihlah salah satu jawaban yang paling sesuai dengan pendapat anda.
3. Berilah tanda (✓) pada kolom yang sesuai dengan pendapat Ibu.

**Keterangan Jawaban :**

- Sangat tidak setuju (STS) dengan nilai 0
- Tidak setuju (TS) dengan nilai 1
- Setuju (S) dengan nilai 2
- Sangat setuju (SS) dengan nilai 3

**KUESIONER SIKAP IBU TERHADAP IMUNISASI**

| NO | PERTANYAAN | STS | TS | S | SS |
|---|---|---|---|---|---|
| 1 | Walaupun saya sibuk bekerja, saya akan tetap memberikan imunisasi. | | | | |
| 2 | Saya tidak akan memberikan imunisasi pada anak saya karena anak akan demam | | | | |
| 3 | Saya tidak akan memberikan imunisasi pada anak saya karena jaraknya sangat jauh | | | | |
| 4 | Menurut saya imunisasi tidak perlu diberikan kepada anak saya karena tidak ada manfaatnya | | | | |
| 5 | Saya tidak akan memberikan imunisasi kepada anak saya sebelum usianya diatas satu tahun | | | | |
| 6 | Saya tidak akan memberikan imunisasi kepada anak saya karena kasihan bila di suntik | | | | |
| 7 | Saya datang ke posyandu hanya untuk menimbang bukan untuk imunisasi. | | | | |

| | | | | | |
|---|---|---|---|---|---|
| 8 | Saya akan memberikan imunisasi walaupun nantinya akan demam. | | | | |
| 9 | Saya akan memberikan imunisasi walaupun sedang sakit. | | | | |
| 10 | Saya akan memberikan imunisasi pada anak saya walaupun dilarang oleh keluarga. | | | | |

Sumber : (Ramadhani, 2019). “Hubungan pengetahuan dan sikap ibu dengan pemberian imunisasi lengkap pada balita di kelurahan sihitang kota padang sidimpuan”

**KUESIONER**

**EFEKTIVITAS EDUKASI IMUNISASI DENGAN MEDIA ANIMASI TERHADAP PERUBAHAN PERILAKU PADA IBU BAYI <12 BULAN DI PUSKESMAS SEI SEMAYANG KABUPATEN DELI SERDANG TAHUN 2026**

**a. Identitas Responden**

a) Nama Ibu :

b) No Hp :

**b. Petunjuk Pengisian**

1. Bacalah setiap pernyataan dengan seksama.
2. Pilihlah salah satu jawaban yang paling sesuai dengan pendapat anda.
3. Berilah tanda (✓) pada kolom yang sesuai dengan pendapat Ibu.

Keterangan Jawaban :

- Dilakukan ( DL) nilai 1
- Tidak dilakukan (TDL) nilai 0

**KUESIONER TINDAKAN IBU TENTANG IMUNISASI**

| NO | PERTANYAAN | Dilakukan | Tidak Dilakukan |
|---|---|---|---|
| 1. | Ibu membawa buku KIA saat membawa bayi untuk imunisasi. | | |
| 2. | Ibu memastikan kondisi bayi sehat sebelum imunisasi. | | |
| 3. | Ibu memberi ASI sebelum berangkat agar bayi lebih tenang. | | |
| 4. | Ibu mendampingi bayi selama proses imunisasi. | | |
| 5. | Ibu menenangkan bayi selama penyuntikan (menggendong/mengusap). | | |
| 6. | Ibu mengikuti arahan petugas kesehatan saat imunisasi. | | |

| | | | |
|---|---|---|---|
| 7. | Ibu memastikan vaksin yang diberikan sesuai umur bayi. | | |
| 8. | Ibu memperhatikan penjelasan petugas tentang reaksi pasca imunisasi. | | |
| 9. | Ibu mengamati tanda reaksi setelah imunisasi (demam/bengkak). | | |
| 10. | Ibu memberi kompres air hangat jika bayi tampak tidak nyaman. | | |
| 11. | Ibu datang tepat waktu sesuai jadwal imunisasi yang ditentukan. | | |
| 12. | Ibu tetap membawa bayi imunisasi meskipun hanya batuk/pilek ringan. | | |
| 13. | Ibu mencatat jadwal imunisasi berikutnya di buku KIA | | |
| 14. | Ibu memastikan semua jenis imunisasi dasar lengkap diberikan sesuai anjuran. | | |
| 15. | Ibu melakukan kunjungan ulang bila jadwal imunisasi sebelumnya terlewat. | | |

**Lampiran 2 Media Edukasi**




Gambar 1 : menjelaskan tentang animasi bahwa “bayi adalah makhluk terlemah di dunia”




Gambar 2: tentang animasi bahwa imunisasi itu untuk bayi




Gambar 3: tentang animasi bertanya “dari kecil tidak pernah imunisasi?”




Gambar 4: tentang animasi macam macam dari penyakit jika tidak imunisasi




Gambar 5: menjelaskan bahwa jika tidak di imunisasi atau imunisasi tidak lengkap “rentan terkena penyakit”




Gambar 6: tentang animasi jika sama sekali tidak imunisasi penyakit yang diderita akan lebih mudah terserang yang berbahaya




Gambar 7: tentang animasi bahwa jika imunisasi maka bayi akan terlindungi




Gambar 8: tentang animasi bahwa mengingatkan “ayook penting imunisasi sedari bayi”




Gambar 9: tentang animasi jika sudah di imunisasi gejalnya lebih ringan dan tidak berbahaya




Gambar 10: tentang animasi mengajak Masyarakat untuk imunisasi rutin ke fasilitas kesehatan terdekat




Gambar 11: tentang animasi pengetian dari imunisasi




Gambar 12: tentang animasi menjelaskan manfaat dari imunisasi




Gambar 13: video animasi macam macam imunisasi 1 bulan




Gambar 14: video animasi macam macam imunisasi 2 bulan




Gambar 15: video animasi macam macam imunisasi 4 bulan



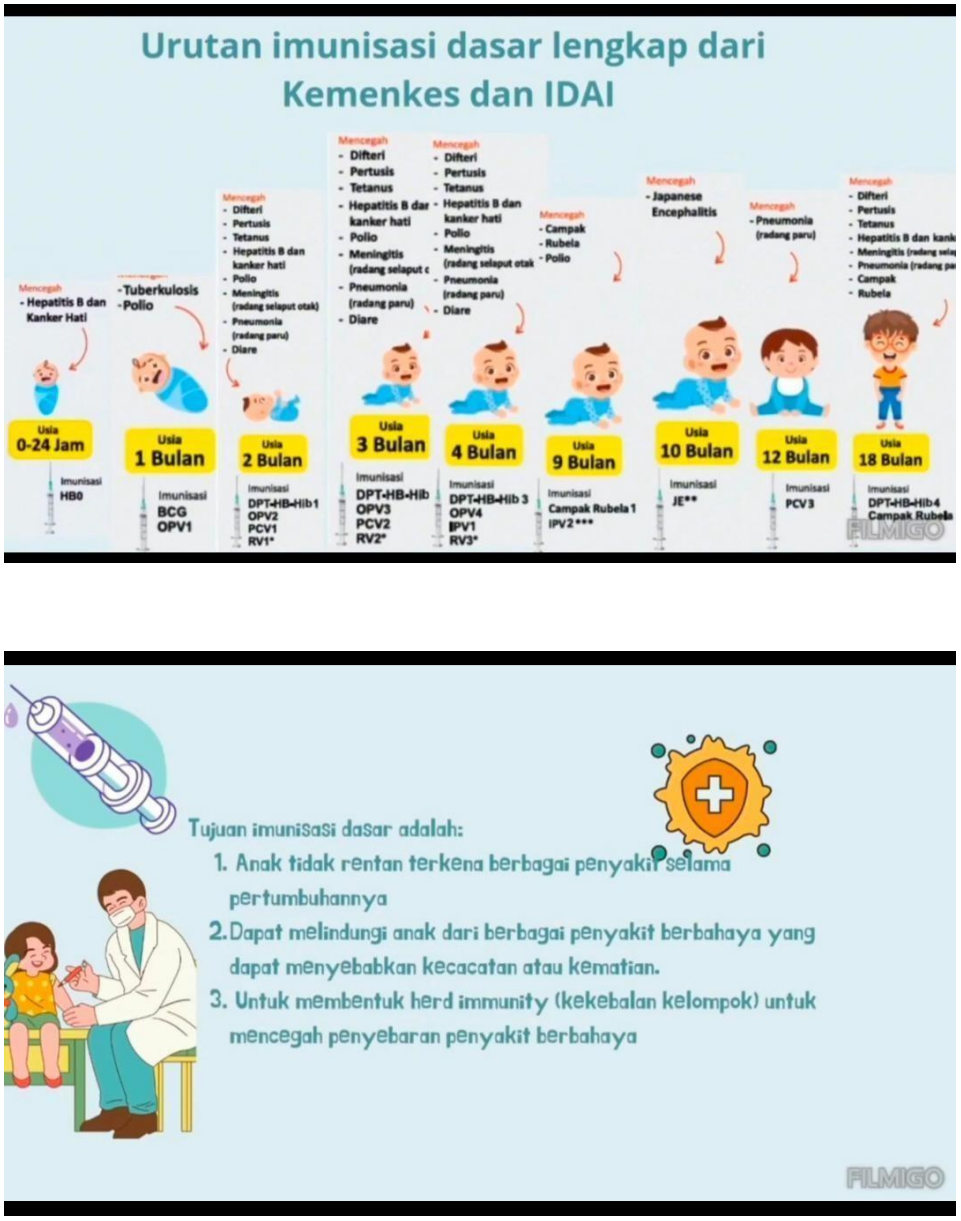

Gambar 16: video animasi macam macam imunisasi 9 bulan




Gambar 17: video animasi macam macam imunisasi 3 bulan




Gambar 18: video animasi macam macam imunisasi 10 bulan







Gambar 19: video animasi tentang tujuan dari imunisasi

**Lampiran 3 Informed Consent**

**INFORMED CONSENT MENJADI RESPONDEN**

Saya yang bertanda tangan di bawah ini:

Nama :…….

Nomor Hp :…….……

Umur :……..……

Pekerjaan :……..……

Alamat :……..……..……..

Dengan ini menandatangani lembaran ini, saya memberikan persetujuan untuk mengisi kuesioner yang diberikan peneliti. Saya mengerti bahwa penelitian ini bertujuan untuk mengetahui pengetahuan, sikap, dan keterampilan pada ibu yang memiliki bayi usia <12 bulan tentang imunisasi dasar lengkap.

Saya mengerti bahwa penelitian ini tidak mengandung risiko yang berarti dan saya telah diberi kesempatan bertanya mengenai penelitian atau peran saya dalam penelitian ini. Saya secara sukarela berperan serta dalam penelitian ini.

Deli Serdang, 2026

Tanda Tangan, Peneliti

Responden

( ) (Adelia Ananda Tarigan)

**Lampiran 8 Master Tabel**

**1. KUESIONER PRETEST PENGETAHUAN**

| P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P13 | P14 | P15 | P16 | P17 | P18 | P19 | P20 | P21 | P22 | Hasil | % | Kategori |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 10 | 45,5% | Kurang |
| 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 11 | 50,0% | Kurang |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 14 | 63,6% | Cukup |
| 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 14 | 63,6% | Cukup |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 12 | 54,5% | Kurang |
| 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 15 | 68,2% | Cukup |
| 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 10 | 45,5% | Kurang |
| 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 15 | 68,2% | Cukup |
| 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 11 | 50,0% | Kurang |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 15 | 68,2% | Cukup |
| 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 10 | 45,5% | Kurang |
| 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 14 | 63,6% | Cukup |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 16 | 72,7% | Cukup |
| 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 13 | 59,1% | Cukup |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 16 | 72,7% | Cukup |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 10 | 45,5% | Kurang |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 13 | 59,1% | Cukup |
| 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 10 | 45,5% | Kurang |
| 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 16 | 72,7% | Cukup |
| 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 10 | 45,5% | Kurang |
| 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 12 | 54,5% | Kurang |
| 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 15 | 68,2% | Cukup |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 14 | 63,6% | Cukup |
| 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 12 | 54,5% | Kurang |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 14 | 63,6% | Cukup |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 11 | 50,0% | Kurang |
| 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 13 | 59,1% | Cukup |
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 11 | 50,0% | Kurang |
| 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 45,5% | Kurang |
| 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 13 | 59,1% | Cukup |
| 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 12 | 54,5% | Kurang |
| 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 13 | 59,1% | Cukup |
| 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 15 | 68,2% | Cukup |
| 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 16 | 72,7% | Cukup |
| 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 16 | 72,7% | Cukup |
| 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 16 | 72,7% | Cukup |
| 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 15 | 68,2% | Cukup |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 17 | 77,3% | Baik |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 50,0% | Kurang |
| 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 10 | 45,5% | Kurang |
| 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 12 | 54,5% | Kurang |
| 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 14 | 63,6% | Cukup |
| 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 12 | 54,5% | Kurang |
| 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 11 | 50,0% | Kurang |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 45,5% | Kurang |
| 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 50,0% | Kurang |
| 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 11 | 50,0% | Kurang |
| 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 15 | 68,2% | Cukup |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 14 | 63,6% | Cukup |
| 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 15 | 68,2% | Cukup |
| 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 14 | 63,6% | Cukup |
| 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 13 | 59,1% | Cukup |

## 2. HASIL KUESIONER POSTEST PENGETAHUAN

| P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P13 | P14 | P15 | P16 | P17 | P18 | P19 | P20 | P21 | P22 | HASIL | % | Kategori |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 13 | 59,1% | Cukup |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 16 | 72,7% | Cukup |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 15 | 68,2% | Cukup |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 15 | 68,2% | Cukup |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 21 | 95,5% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 20 | 90,9% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 20 | 90,9% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 20 | 90,9% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 19 | 86,4% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 20 | 90,9% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 18 | 81,8% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 17 | 77,3% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 20 | 90,9% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 21 | 95,5% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 18 | 81,8% | Baik |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 21 | 95,5% | Baik |
| 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 19 | 86,4% | Baik |
| 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 16 | 72,7% | Cukup |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 18 | 81,8% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 17 | 77,3% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 20 | 90,9% | Baik |
| 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 16 | 72,7% | Cukup |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 21 | 95,5% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 16 | 72,7% | Cukup |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 13 | 59,1% | Cukup |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 20 | 90,9% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 21 | 95,5% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 | 100% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 20 | 90,9% | Baik |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 21 | 95,5% | Baik |

## 3. HASIL PRE-TEST KUESIONER SIKAP

| P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | Hasil Pre-test | Kategori | kode |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 11 | negatif | 0 |
| 3 | 3 | 1 | 0 | 2 | 2 | 3 | 2 | 1 | 1 | 19 | positif | 1 |
| 3 | 0 | 0 | 3 | 0 | 0 | 3 | 1 | 1 | 0 | 11 | negatif | 0 |
| 3 | 1 | 1 | 1 | 0 | 0 | 0 | 3 | 3 | 0 | 11 | negatif | 0 |
| 3 | 1 | 1 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 10 | negatif | 0 |
| 2 | 1 | 1 | 3 | 3 | 0 | 0 | 0 | 1 | 0 | 11 | negatif | 0 |
| 3 | 1 | 1 | 1 | 0 | 0 | 2 | 3 | 1 | 1 | 13 | negatif | 0 |
| 2 | 3 | 1 | 0 | 0 | 3 | 1 | 3 | 0 | 0 | 12 | negatif | 0 |
| 3 | 3 | 3 | 0 | 3 | 1 | 1 | 0 | 2 | 2 | 18 | positif | 1 |
| 3 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 1 | 10 | negatif | 0 |
| 3 | 2 | 1 | 1 | 1 | 0 | 0 | 2 | 1 | 0 | 11 | negatif | 0 |
| 2 | 1 | 1 | 1 | 3 | 1 | 1 | 0 | 0 | 0 | 10 | negatif | 0 |
| 3 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 2 | 10 | negatif | 0 |
| 3 | 2 | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 1 | 11 | negatif | 0 |
| 3 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 10 | negatif | 0 |
| 3 | 3 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 12 | negatif | 0 |
| 3 | 3 | 1 | 1 | 0 | 0 | 0 | 3 | 1 | 0 | 12 | negatif | 0 |
| 3 | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 1 | 11 | negatif | 0 |
| 3 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 1 | 12 | negatif | 0 |
| 3 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 11 | negatif | 0 |
| 2 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 3 | 3 | 13 | negatif | 0 |
| 3 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 10 | negatif | 0 |
| 3 | 1 | 1 | 3 | 0 | 0 | 0 | 1 | 1 | 0 | 10 | negatif | 0 |
| 1 | 1 | 3 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 10 | negatif | 0 |
| 3 | 3 | 1 | 1 | 1 | 3 | 0 | 1 | 0 | 0 | 13 | negatif | 0 |
| 3 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 1 | 1 | 9 | negatif | 0 |
| 3 | 3 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 11 | negatif | 0 |
| 3 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 3 | 1 | 12 | negatif | 0 |
| 3 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 10 | negatif | 0 |
| 3 | 3 | 2 | 2 | 3 | 0 | 3 | 0 | 1 | 1 | 18 | positif | 1 |
| 0 | 0 | 3 | 0 | 0 | 3 | 0 | 1 | 1 | 1 | 9 | negatif | 0 |
| 3 | 1 | 1 | 1 | 3 | 0 | 2 | 1 | 0 | 0 | 12 | negatif | 0 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 11 | negatif | 0 |
| 1 | 1 | 1 | 3 | 1 | 1 | 3 | 0 | 0 | 1 | 12 | negatif | 0 |
| 3 | 1 | 2 | 0 | 0 | 3 | 3 | 0 | 0 | 1 | 13 | negatif | 0 |
| 1 | 1 | 1 | 3 | 1 | 2 | 0 | 0 | 0 | 3 | 11 | negatif | 0 |
| 3 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 10 | negatif | 0 |
| 2 | 1 | 1 | 2 | 3 | 0 | 0 | 0 | 1 | 3 | 12 | negatif | 0 |
| 3 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 3 | 13 | negatif | 0 |
| 3 | 1 | 0 | 1 | 1 | 1 | 0 | 3 | 0 | 0 | 10 | negatif | 0 |
| 3 | 1 | 1 | 1 | 0 | 0 | 3 | 1 | 0 | 1 | 11 | negatif | 0 |
| 3 | 1 | 3 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 12 | negatif | 0 |
| 3 | 1 | 1 | 1 | 0 | 0 | 2 | 1 | 1 | 0 | 10 | negatif | 0 |
| 3 | 1 | 1 | 3 | 0 | 0 | 1 | 1 | 1 | 1 | 12 | negatif | 0 |
| 3 | 1 | 2 | 1 | 0 | 0 | 2 | 3 | 1 | 1 | 14 | negatif | 0 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 10 | negatif | 0 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 2 | 3 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 13 | negatif | 0 |
| 3 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 3 | 10 | negatif | 0 |
| 3 | 1 | 1 | 0 | 0 | 0 | 3 | 3 | 1 | 0 | 12 | negatif | 0 |
| 3 | 0 | 1 | 3 | 1 | 1 | 1 | 0 | 0 | 3 | 13 | negatif | 0 |
| 3 | 0 | 3 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 11 | negatif | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 3 | 10 | negatif | 0 |

**Keterangan :**

1. **Positif : >51-100%, total skor 15-30, dengan kode (1)**
2. **Negatif : <50%. Total skor 0-14, dengan kode (0)**

## 4. HASIL KUESIONER POSTEST SIKAP

| P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | Hasil Postest | kategori | Kode |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 27 | positif | 1 |
| 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 29 | positif | 1 |
| 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 27 | positif | 1 |
| 3 | 1 | 3 | 3 | 2 | 2 | 3 | 3 | 0 | 1 | 21 | positif | 1 |
| 3 | 2 | 3 | 3 | 3 | 3 | 1 | 3 | 1 | 2 | 24 | positif | 1 |
| 3 | 3 | 3 | 1 | 1 | 3 | 3 | 3 | 1 | 1 | 22 | positif | 1 |
| 3 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 12 | negatif | 0 |
| 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 28 | positif | 1 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 29 | positif | 1 |
| 3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 26 | positif | 1 |
| 3 | 3 | 1 | 1 | 3 | 3 | 3 | 1 | 1 | 2 | 21 | positif | 1 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 28 | positif | 1 |
| 3 | 3 | 3 | 3 | 1 | 1 | 3 | 3 | 1 | 1 | 22 | positif | 1 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 3 | 26 | positif | 1 |
| 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 3 | 3 | 26 | positif | 1 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 28 | positif | 1 |
| 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 27 | positif | 1 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | positif | 1 |
| 3 | 3 | 3 | 3 | 2 | 2 | 1 | 3 | 3 | 3 | 26 | positif | 1 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 28 | positif | 1 |
| 3 | 3 | 3 | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 25 | positif | 1 |
| 3 | 1 | 1 | 0 | 2 | 0 | 0 | 3 | 3 | 1 | 14 | negatif | 0 |
| 3 | 3 | 2 | 3 | 1 | 1 | 2 | 2 | 2 | 3 | 22 | positif | 1 |
| 3 | 3 | 3 | 3 | 1 | 1 | 2 | 3 | 1 | 0 | 20 | positif | 1 |
| 3 | 3 | 3 | 0 | 1 | 1 | 2 | 3 | 1 | 1 | 18 | positif | 1 |
| 3 | 3 | 3 | 1 | 1 | 3 | 3 | 1 | 1 | 2 | 21 | positif | 1 |
| 3 | 3 | 1 | 1 | 3 | 3 | 2 | 2 | 1 | 1 | 20 | positif | 1 |
| 3 | 3 | 3 | 3 | 0 | 0 | 0 | 3 | 1 | 2 | 18 | positif | 1 |
| 3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 28 | positif | 1 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | positif | 1 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 29 | positif | 1 |
| 3 | 3 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 13 | negatif | 0 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 29 | positif | 1 |
| 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 29 | positif | 1 |
| 3 | 3 | 3 | 3 | 2 | 3 | 3 | 1 | 1 | 1 | 23 | positif | 1 |
| 3 | 3 | 3 | 1 | 2 | 2 | 3 | 3 | 2 | 1 | 23 | positif | 1 |
| 3 | 3 | 3 | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 25 | positif | 1 |
| 3 | 3 | 3 | 3 | 1 | 1 | 3 | 3 | 1 | 1 | 22 | positif | 1 |
| 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 27 | positif | 1 |
| 3 | 3 | 1 | 1 | 3 | 3 | 2 | 2 | 1 | 1 | 20 | positif | 1 |
| 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 27 | positif | 1 |
| 3 | 3 | 3 | 3 | 2 | 3 | 3 | 1 | 1 | 1 | 23 | positif | 1 |
| 3 | 3 | 3 | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 25 | positif | 1 |
| 3 | 2 | 3 | 3 | 3 | 3 | 1 | 3 | 1 | 2 | 24 | positif | 1 |
| 3 | 3 | 3 | 1 | 1 | 3 | 3 | 1 | 1 | 2 | 21 | positif | 1 |
| 3 | 3 | 1 | 2 | 2 | 1 | 0 | 0 | 1 | 1 | 14 | negatif | 0 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 3 | 3 | 3 | 2 | 2 | 1 | 3 | 3 | 3 | 26 | positif | 1 |
| 3 | 3 | 3 | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 25 | positif | 1 |
| 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 27 | positif | 1 |
| 3 | 3 | 3 | 3 | 2 | 2 | 1 | 3 | 3 | 3 | 26 | positif | 1 |
| 3 | 2 | 3 | 3 | 3 | 3 | 1 | 3 | 1 | 2 | 24 | positif | 1 |
| 3 | 3 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 1 | 12 | negatif | 1 |

**Keterangan :**

1. **Positif : >51-100%, total skor 15-30, dengan kode (1)**
2. **Negatif : <50%. Total skor 0-14, dengan kode (0)**

## 5. HASIL KUESIONER PRETEST TINDAKAN

| P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P13 | P14 | P15 | HASIL PRETEST | Kategori | Kode |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 6 | kurang | 1 |
| 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 10 | cukup | 2 |
| 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 10 | cukup | 2 |
| 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 6 | kurang | 1 |
| 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 5 | kurang | 1 |
| 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 9 | cukup | 2 |
| 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 11 | cukup | 2 |
| 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 7 | kurang | 1 |
| 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 7 | kurang | 1 |
| 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 5 | kurang | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 9 | cukup | 2 |
| 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | kurang | 1 |
| 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 6 | kurang | 1 |
| 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 10 | cukup | 2 |
| 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 6 | kurang | 1 |
| 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 7 | kurang | 1 |
| 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 7 | kurang | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 9 | cukup | 2 |
| 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 6 | kurang | 1 |
| 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 12 | baik | 3 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 9 | cukup | 2 |
| 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | kurang | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 9 | cukup | 2 |
| 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 6 | kurang | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 9 | cukup | 2 |
| 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | kurang | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 9 | cukup | 2 |
| 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 6 | kurang | 1 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | kurang | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 9 | cukup | 2 |
| 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 7 | kurang | 1 |
| 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 6 | kurang | 1 |
| 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | kurang | 1 |
| 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 7 | kurang | 1 |
| 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | kurang | 1 |
| 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 6 | kurang | 1 |
| 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 7 | kurang | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 9 | cukup | 2 |
| 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 7 | kurang | 1 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 9 | cukup | 2 |
| 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 5 | kurang | 1 |
| 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | kurang | 1 |
| 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 10 | cukup | 2 |
| 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 7 | kurang | 1 |
| 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | kurang | 1 |
| 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 7 | kurang | 1 |
| 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | kurang | 1 |
| 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 10 | cukup | 2 |
| 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 11 | cukup | 2 |
| 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | kurang | 1 |
| 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 10 | cukup | 2 |
| 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 7 | kurang | 1 |

**Ket kode skor :**

**1. Kurang <56% = 0-8 2. Cukup 56-75% = 9-11 3.Baik >76%-100% = 12-15**

## 6. HASIL KUESIONER TINDAKAN POSTEST

| P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P13 | P14 | P15 | HASIL TINDAKAN | Kategori | Kode |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 11 | cukup | 2 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 13 | baik | 3 |
| 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 7 | kurang | 1 |
| 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 12 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 12 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 7 | kurang | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 9 | cukup | 2 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 11 | cukup | 2 |
| 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 10 | cukup | 2 |
| 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 13 | baik | 3 |
| 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 10 | cukup | 2 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 7 | kurang | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 7 | kurang | 2 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 13 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 11 | cukup | 2 |
| 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 13 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 9 | kurang | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 13 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 13 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |
| 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 7 | kurang | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 13 | baik | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | baik | 3 |

**Ket kode skor :**

**1. Kurang <56% = 0-8 2. Cukup 56-75% = 9-11 3.Baik >76%-100% = 12-15**

**Lampiran 9 HASIL *OUTPUT* UJI STATISTIK SPSS**

***FREQUENCY TABEL***

**Pengetahuan_Ibu_Pretest**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | kurang | 23 | 44.2 | 44.2 | 44.2 |
| | cukup | 28 | 53.8 | 53.8 | 98.1 |
| | baik | 1 | 1.9 | 1.9 | 100.0 |
| | Total | 52 | 100.0 | 100.0 | |

**Pengetahuan_Ibu_Postest**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | cukup | 8 | 15.4 | 15.4 | 15.4 |
| | baik | 44 | 84.6 | 84.6 | 100.0 |
| | Total | 52 | 100.0 | 100.0 | |

**EXPLORE DATA SPSS PENGETAHUAN IBU**

**Case Processing Summary**

| | Cases | | | | | |
|---|---|---|---|---|---|---|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| hasil pre pengetahuan | 52 | 100.0% | 0 | 0.0% | 52 | 100.0% |
| hasil post pengetahuan | 52 | 100.0% | 0 | 0.0% | 52 | 100.0% |

**Tests of Normality**

| | Kolmogorov-Smirnov[a] | | | Shapiro-Wilk | | |
|---|---|---|---|---|---|---|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| hasil pre pengetahuan | .147 | 52 | .007 | .921 | 52 | .002 |
| hasil post pengetahuan | .227 | 52 | .000 | .786 | 52 | .000 |

a. Lilliefors Significance Correction

**Descriptives**

| | | | Statistic | Std. Error |
|---|---|---|---|---|
| hasil pre pengetahuan | Mean | | 12.9423 | .29374 |
| | 95% Confidence Interval for Mean | Lower Bound | 12.3526 | |
| | | Upper Bound | 13.5320 | |
| | 5% Trimmed Mean | | 12.9145 | |
| | Median | | 13.0000 | |
| | Variance | | 4.487 | |
| | Std. Deviation | | 2.11821 | |
| | Minimum | | 10.00 | |
| | Maximum | | 17.00 | |
| | Range | | 7.00 | |
| | Interquartile Range | | 4.00 | |
| | Skewness | | .053 | .330 |
| | Kurtosis | | -1.276 | .650 |
| hasil post pengetahuan | Mean | | 19.9615 | .35907 |
| | 95% Confidence Interval for Mean | Lower Bound | 19.2407 | |
| | | Upper Bound | 20.6824 | |
| | 5% Trimmed Mean | | 20.2094 | |
| | Median | | 21.0000 | |
| | Variance | | 6.704 | |
| | Std. Deviation | | 2.58928 | |
| | Minimum | | 13.00 | |
| | Maximum | | 22.00 | |
| | Range | | 9.00 | |
| | Interquartile Range | | 3.75 | |
| | Skewness | | -1.225 | .330 |
| | Kurtosis | | .495 | .650 |

**Wilcoxon Signed Ranks Test**

**Ranks**

| | | N | Mean Rank | Sum of Ranks |
|---|---|---|---|---|
| hasil post pengetahuan - hasil pre pengetahuan | Negative Ranks | 0[a] | .00 | .00 |
| | Positive Ranks | 52[b] | 26.50 | 1378.00 |
| | Ties | 0[c] | | |
| | Total | 52 | | |

a. hasil post pengetahuan < hasil pre pengetahuan

b. hasil post pengetahuan > hasil pre pengetahuan

c. hasil post pengetahuan = hasil pre pengetahuan

**Test Statistics[a]**

| | hasil post pengetahuan - hasil pre pengetahuan |
|---|---|
| Z | -6.285[b] |
| Asymp. Sig. (2-tailed) | .000 |

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

***FREQUENCY TABEL***

**Sikap_Pretest**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | negatif | 49 | 94.2 | 94.2 | 94.2 |
| | positif | 3 | 5.8 | 5.8 | 100.0 |
| | Total | 52 | 100.0 | 100.0 | |

**Sikap_Postest**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | negatif | 5 | 9.6 | 9.6 | 9.6 |
| | positif | 47 | 90.4 | 90.4 | 100.0 |
| | Total | 52 | 100.0 | 100.0 | |

**EXPLORE**

**Case Processing Summary**

| | Cases | | | | | |
|---|---|---|---|---|---|---|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| hasil pretest sikap | 52 | 100.0% | 0 | 0.0% | 52 | 100.0% |
| hasil postest sikap | 52 | 100.0% | 0 | 0.0% | 52 | 100.0% |

**Tests of Normality**

| | Kolmogorov-Smirnov[a] | | | Shapiro-Wilk | | |
|---|---|---|---|---|---|---|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| hasil pretest sikap | .210 | 52 | .000 | .772 | 52 | .000 |
| hasil postest sikap | .142 | 52 | .011 | .902 | 52 | .000 |

a. Lilliefors Significance Correction

**Descriptives**

| | | | Statistic | Std. Error |
|---|---|---|---|---|
| hasil pretest sikap | Mean | | 11.5962 | .28441 |
| | 95% Confidence Interval for Mean | Lower Bound | 11.0252 | |
| | | Upper Bound | 12.1671 | |
| | 5% Trimmed Mean | | 11.3504 | |
| | Median | | 11.0000 | |
| | Variance | | 4.206 | |
| | Std. Deviation | | 2.05092 | |
| | Minimum | | 9.00 | |
| | Maximum | | 19.00 | |
| | Range | | 10.00 | |
| | Interquartile Range | | 2.00 | |
| | Skewness | | 2.048 | .330 |
| | Kurtosis | | 5.067 | .650 |
| hasil postest sikap | Mean | | 23.7885 | .65583 |
| | 95% Confidence Interval for Mean | Lower Bound | 22.4718 | |
| | | Upper Bound | 25.1051 | |
| | 5% Trimmed Mean | | 24.0983 | |
| | Median | | 25.0000 | |
| | Variance | | 22.366 | |
| | Std. Deviation | | 4.72929 | |
| | Minimum | | 12.00 | |
| | Maximum | | 30.00 | |
| | Range | | 18.00 | |
| | Interquartile Range | | 6.00 | |
| | Skewness | | -1.010 | .330 |
| | Kurtosis | | .462 | .650 |

**Wilcoxon Signed Ranks Test**

**Ranks**

| | | N | Mean Rank | Sum of Ranks |
|---|---|---|---|---|
| hasil postest sikap - hasil pretest sikap | Negative Ranks | 1[a] | 1.50 | 1.50 |
| | Positive Ranks | 51[b] | 26.99 | 1376.50 |
| | Ties | 0[c] | | |
| | Total | 52 | | |

a. hasil postest sikap < hasil pretest sikap

b. hasil postest sikap > hasil pretest sikap

c. hasil postest sikap = hasil pretest sikap

**Test Statistics[a]**

| | hasil postest sikap - hasil pretest sikap |
|---|---|
| Z | -6.268[b] |
| Asymp. Sig. (2-tailed) | .000 |

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

***FREQUENCY TABEL***

**Tindakan_Pretest**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | kurang | 33 | 63.5 | 63.5 | 63.5 |
| | cukup | 18 | 34.6 | 34.6 | 98.1 |
| | baik | 1 | 1.9 | 1.9 | 100.0 |
| | Total | 52 | 100.0 | 100.0 | |

**Tindakan_Postest**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | kurang | 5 | 9.6 | 9.6 | 9.6 |
| | cukup | 7 | 13.5 | 13.5 | 23.1 |
| | baik | 40 | 76.9 | 76.9 | 100.0 |
| | Total | 52 | 100.0 | 100.0 | |

**Tests of Normality**

| | Kolmogorov-Smirnov[a] | | | Shapiro-Wilk | | |
|---|---|---|---|---|---|---|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| hasil pre tindakan | .248 | 52 | .000 | .875 | 52 | .000 |
| hasil post tindakan | .346 | 52 | .000 | .703 | 52 | .000 |

a. Lilliefors Significance Correction

Descriptives

| | | | Statistic | Std. Error |
|---|---|---|---|---|
| hasil pre tindakan | Mean | | 7.5192 | .25093 |
| | 95% Confidence Interval for Mean | Lower Bound | 7.0155 | |
| | | Upper Bound | 8.0230 | |
| | 5% Trimmed Mean | | 7.4444 | |
| | Median | | 7.0000 | |

| | | | |
|---|---|---|---|
| | Variance | 3.274 | |
| | Std. Deviation | 1.80946 | |
| | Minimum | 5.00 | |
| | Maximum | 12.00 | |
| | Range | 7.00 | |
| | Interquartile Range | 3.00 | |
| | Skewness | .639 | .330 |
| | Kurtosis | -.737 | .650 |
| hasil post tindakan | Mean | 13.1923 | .37153 |
| | 95% Confidence Interval for Mean Lower Bound | 12.4464 | |
| | Upper Bound | 13.9382 | |
| | 5% Trimmed Mean | 13.4359 | |
| | Median | 15.0000 | |
| | Variance | 7.178 | |
| | Std. Deviation | 2.67918 | |
| | Minimum | 7.00 | |
| | Maximum | 15.00 | |
| | Range | 8.00 | |
| | Interquartile Range | 3.00 | |
| | Skewness | -1.327 | .330 |
| | Kurtosis | .489 | .650 |

**Wilcoxon Signed Ranks Test**

**Ranks**

| | | N | Mean Rank | Sum of Ranks |
|---|---|---|---|---|
| hasil post tindakan - hasil pre tindakan | Negative Ranks | 1[a] | 4.00 | 4.00 |
| | Positive Ranks | 50[b] | 26.44 | 1322.00 |
| | Ties | 1[c] | | |
| | Total | 52 | | |

a. hasil post tindakan < hasil pre tindakan

b. hasil post tindakan > hasil pre tindakan

c. hasil post tindakan = hasil pre tindakan

**Test Statistics[a]**

| | hasil post tindakan - hasil pre tindakan |
|---|---|
| Z | -6.195[b] |
| Asymp. Sig. (2-tailed) | .000 |

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

**Lampiran 10 Dokumentasi Penelitian**

Tanggal 15 Februari 2026 melakukan *Pre-test*





Gambar 1 dan 2: melihat dan memantau responden yang sedang mengisi kuesioner pretest





Gambar 2  dan 4: melihat dan memantau responden yang sedang mengisi kuesioner pretest

**Tanggal 16 Maret 2026 melakukan intervensi media animasi dan *Post-test***




Melakukan intervensi video animasi kepada responden




Membagikan kuesioner ke responden saat postest

# Lampiran 11 EDUKASI WATTSHAP GRUP







