**Appendix 1**

**RENCANA PELAKSANAAN PEMBELAJARAN**

**(RPP)**

Nama Sekolah : SMAN 1 LAWE ALAS

Kelas : XI /IPA 1 DAN IPA 2

Materi : English Songs

Skill : Listening

Alokasi Waktu : 2x45 menit

1. Kompetensi Inti

KI 1 : Menghargai dan menghayati ajaran agama yang dianutnya.

KI 2 :Menghargai dam menghayati perilaku jujur, disiplin, Tanggung jawab, peduli (toleransi, gotong royong.), suntun, percaya diri dalam berinteruksi secara efektif dengan lingkungan social dan alam dalam jangka pergaulan dan keberadaannya.

KI 3 : Memahami pengetahuan (faktual, konseptual, dun procedural)

KI 4 : Mencoba, mengnlah, dan menyaji dalam ranah konkret (menggunakan, mengurai, merangkai. miemodifikasi, dan membuat) dan ranah abstrak (menalis, membaca, menghitung, menggambar, dam mengarang) sesuai dengan yang dipelajari di sekolah dan sumber lain yung sama dalam sudut pandang/ teori.

1. **Kompetensi Dasar dan Pencapaian Kompetensi**

|  |  |
| --- | --- |
| **Kompetensi Dasar** | **Indikator Pencapaian Kompetensi** |
| Mensyukuri kesempatan dapat mempelajari bahasa inggris sebagai bahasa pengantar komunikasi internasional yang diwujudkan dalam semangat belajar. | * Mengungkapkan rasa syukur atau kesempatan dapat belajar bahasa Inggris. |
| Menikmati proses pembelajaran dengan respon yang positif. | * Menggunakan bahasa yang baik. * Menunjukkan sikap saling menghargai dan menghormati. |
| Menyimak dengan bagus agar memahami isi kandungan lagu serta mengaplikasikannya dalam kehidupan sehari-hari. | * Merespon dan menyimak lirik lagu. * Mengaplikasikan dengan tulisan sesuai ririk dengan benar. |

1. **Tujuan pembelajaran**

Setelah mengikuti serangkaian pembelajaran, peserta didik:

1. Siswa dapat mengidentifikasi makna lagu.
2. Siswa dapat menyimak lirik lagu dengan baik dan benar serta dapat mengisi lirik yang kosong.
3. Siswa mampu merespon lirik yang di dengar melalui audio.
4. **Materi Pembelajaran**

Students’ are able to improve listening skill English song by using fill the blank.

1. **Metode**ters

Contextual Teaching Learning (CTL)

1. **Media, Alat dan Sumber Pembelajaran**
2. Media : song, speaker, laptop
3. Sumber belajar : lyric lagu
4. **Langkah-langkah Pembelajaran**
5. **Pendahuluan (5 menit)**

**Guru**

1. Guru menyapa siswa dan memperkenalkan diri
2. Guru mengabsen siswa.
3. Tanya jawab dengan murid mengenai materi sebelumnya.
4. Menyiapkan peserta didik secara fisik untuk mengikuti proses pembelajaran.
5. Guru mengantarkan peserta didik kepada suatu permasalahan atau tugas yang akan dilakukan untuk mempelajari suatu materi dan menjelaskan tujuan pembelajaran atau kompetensi dasar yang akan dicapai.
6. **Kegiatan inti**
7. Siswa mendengarkan lagu yang di perdengarkan melalui laptop, video atau yang dinyanyikan oleh guru atau teman.
8. Guru menanyakan kosa kata yang terdapat dalam lirik lagu tersebut.
9. Guru memotivasi siswa untuk menyanyikan lagu secara bersama-sama.
10. **Penutup**
11. Memberi feedback terhadap hasil belajar kerjasiswa.
12. Memberi kesimpulan.
13. Memberi penilaian atau pun efleksi terhadap kegiatan pembelajaran yang telah berlangsung.
14. **Penilaian**

Technique : writing test

The form of instrument : multiple choice and fill in the blank

1. **Instrument soal**

"Love Is Gone"

(feat. Dylan Matthew)

Don't go tonight

Stay here one more time

Remind me what it's like, oh

And let's fall in love one more time

I need you now by my side

It tears me up when you turn me down

I'm begging please, just stick around

I'm sorry, don't leave me, I want you here with me

I know that your love is gone

I can't breathe, I'm so weak, I know this isn't easy

Don't tell me that your love is gone

That your love is gone

I'm sorry, don't leave me, I want you here with me

I know that your love is gone

I can't breathe, I'm so weak, I know this isn't easy

Don't tell me that your love is gone

That your love is gone

Don't tell me that your love is gone, that your love is gone

Don't tell me that your love is gone, that your love is gone

That your love is gone

I know this isn't easy (Easy)

That your love is gone

Manual assessment

Cara penilaian ini menggunakan rumus =S=X100

Dimana : S = Nilai tes

R = Jumlah benar

N = Jumlah soal

Guru Bahasa Inggris Medan, Maret 2021

Nurhayati, S.Pd Ratna Sari

Npm : 171224072

**Appendix 2.**

"Love Is Gone"

(feat. Dylan Matthew)

Don't go tonight

Stay here one more time

Remind me what it's like, oh

And let's fall in love one more time

I need you now by my side

It tears me up when you turn me down

I'm begging please, just stick around

I'm sorry, don't leave me, I want you here with me

I know that your love is gone

I can't breathe, I'm so weak, I know this isn't easy

Don't tell me that your love is gone

That your love is gone

I'm sorry, don't leave me, I want you here with me

I know that your love is gone

I can't breathe, I'm so weak, I know this isn't easy

Don't tell me that your love is gone

That your love is gone

Don't tell me that your love is gone, that your love is gone

Don't tell me that your love is gone, that your love is gone

That your love is gone

I know this isn't easy (Easy)

That your love is gone

Answer the question below!

1. What is theme of the song above?
2. Your love
3. Love is gone
4. Falling in love
5. To be my side
6. Who is Dylan Matthew ?
7. A listener
8. A child
9. Singer
10. author
11. what does the singer want?
12. let's fall in love one more time
13. your love is gone
14. stay here
15. marry me
16. what is the tone of the song above?
17. Happy
18. Romance
19. Sad
20. Lazy
21. Why is the singer asking for one more chance?
22. She was dead
23. He still loves
24. To get revenge
25. He’s not used to being alone
26. What does “isn’t easy” mean in the song’s lyrics?
27. Losing love
28. Easy is him love
29. Looking for a replacement
30. Looking for a new partner
31. What does remind mean?
32. Melupakan
33. Menghapuskan
34. Mengingatkan
35. Mengenang
36. What does “gone” mean?
37. Datang
38. Hilang
39. Mencari
40. Dapat
41. What does “don’t go tonight” mean?
42. Janganpergimalamini
43. Janganpergi
44. Jangandatang
45. Diaakanpergi
46. Who opologized to the lyrics of the song?
47. She
48. Child
49. He
50. They

Key answer of pre-test

1. b 6. a
2. c 7. c
3. a 8. b
4. c 9. a
5. b 10. c

**Appendix 3.**

**TABLE**

**Students’ Score in Pre-test**

**Eleventh Grade of IPA 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Name** | **Multiple Choice** | **Number of Question** | **Individual Score** | **Ranting Category** |
| 1 | PL | 4 | 10 | 12 | Low |
| 2 | FA | 2 | 10 | 6 | Low |
| 3 | LY | 4 | 10 | 12 | Medium |
| 4 | D | 2 | 10 | 6 | Low |
| 5 | R | 2 | 10 | 6 | Low |
| 6 | SG | 1 | 10 | 3 | Low |
| 7 | NS | 2 | 10 | 6 | Low |
| 8 | M | 2 | 10 | 6 | Low |
| 9 | IU | 4 | 10 | 12 | Medium |
| 10 | MS | 1 | 10 | 3 | Low |
| 11 | MJ | 2 | 10 | 6 | Low |
| 12 | P | 4 | 10 | 12 | Medium |
| 13 | DP | 1 | 10 | 3 | Low |
| 14 | RS | 2 | 10 | 6 | Low |
| 15 | KH | 4 | 10 | 12 | Medium |
| 16 | TP | 2 | 10 | 6 | Low |
| 17 | H | 1 | 10 | 3 | Low |
| 18 | CP | 1 | 10 | 3 | Low |
| 19 | SP | 4 | 10 | 12 | Medium |
| 20 | RP | 2 | 10 | 6 | Low |
| 21 | SA | 4 | 10 | 12 | Medium |
| 22 | SS | 2 | 10 | 6 | Low |
| 23 | MS | 4 | 10 | 12 | Medium |
| 24 | S | 1 | 10 | 3 | Low |
| 25 | SW | 2 | 10 | 6 | Low |
| 26 | R | 4 | 10 | 12 | Medium |
| 27 | D | 4 | 10 | 12 | Medium |
| 28 | PS | 1 | 10 | 3 | Low |
| 29 | MH | 4 | 10 | 12 | Medium |
| 30 | P | 2 | 10 | 6 | Low |
| 31 | KP | 1 | 10 | 3 | Low |
| 32 | YF | 1 | 10 | 3 | Low |
| 33 | SH | 2 | 10 | 6 | Low |
| 34 | G | 4 | 10 | 12 | Medium |
| 35 | AP | 1 | 10 | 3 | Low |
|  | **Total** | 84 | 350 | 250 |  |

**Individual score : x 100**

**= 0.24 x 100**

**= 24%**

The table above shows the students’ in the pre-test scores of 35 students’ in the experimental class. The lowest category was achieved by 24 students, the medium category was achieved by 11 students, while the high category did not exist. Therefore, based on the description above it can be said that students’ listening ability is still low.

**Appendix 4.**

**TABLE**

**Students’ Score in Pre-test**

**Eleventh Grade of IPA 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Name** | **Multiple Choice** | **Number of Question** | **Individual Score** | **Ranting Category** |
| 1 | SS | 4 | 10 | 12 | Medium |
| 2 | R | 2 | 10 | 6 | Low |
| 3 | DSP | 1 | 10 | 3 | Low |
| 4 | MA | 1 | 10 | 3 | Low |
| 5 | A | 4 | 10 | 12 | Medium |
| 6 | LY | 4 | 10 | 12 | Medium |
| 7 | SA | 2 | 10 | 6 | Low |
| 8 | J | 2 | 10 | 6 | Low |
| 9 | SW | 2 | 10 | 6 | Low |
| 10 | A | 1 | 10 | 3 | Low |
| 11 | SP | 2 | 10 | 6 | Low |
| 12 | S | 2 | 10 | 6 | Low |
| 13 | AR | 1 | 10 | 3 | Low |
| 14 | S | 2 | 10 | 6 | Low |
| 15 | M | 5 | 10 | 15 | Medium |
| 16 | ST | 2 | 10 | 6 | Low |
| 17 | SM | 3 | 10 | 9 | Low |
| 18 | B | 3 | 10 | 9 | Low |
| 19 | N | 4 | 10 | 12 | Medium |
| 20 | RF | 3 | 10 | 9 | Low |
| 21 | RU | 2 | 10 | 6 | Low |
| 22 | SWY | 2 | 10 | 6 | Low |
| 23 | RS | 2 | 10 | 6 | Low |
| 24 | SV | 2 | 10 | 6 | Low |
| 25 | UM | 2 | 10 | 6 | Low |
| 26 | TB | 4 | 10 | 12 | Medium |
| 27 | YY | 2 | 10 | 6 | Low |
| 28 | AH | 1 | 10 | 3 | Low |
| 29 | AB | 1 | 10 | 3 | Low |
| 30 | RSI | 1 | 10 | 3 | Low |
| 31 | IA | 2 | 10 | 6 | Low |
| 32 | AD | 4 | 10 | 12 | Medium |
| 33 | CA | 2 | 10 | 6 | Low |
| 34 | DAP | 2 | 10 | 6 | Low |
| 35 | NS | 2 | 10 | 6 | Low |
|  | **Total** | 81 | 350 | 228 |  |

**Individual score : x 100**

**= 0.2314 x 100**

**= 23.14%**

Based on the table above shows the students’ in the pre-test scores of 35 students’ in the control class. The lowest category was achieved by 28 students, the medium category was achieved by 7 students, while the high category did not exist. Therefore, based on the description above it can be said that students’ listening ability is very low.

**Appendix 5.**

“WHOLE NEW WORLD”

by ZAYN, Zhavia Ward

I can show you the world

Shining, 1.........., splendid

Tell me, princess, now when did

You last let your 2..........decide?

I can open your eyes

3..........you wonder by wonder

Over, 4..........and under

On a magic carpet ride

**Reff:** A whole new world

A new 5..........point of view

No one to tell us, “no”

Or where to go

Or say we’re only 6..........

A whole new world

A 7..........place I never knew

But when I’m way up here

It’s crystal clear

That now I’m in a 8..........new world with you

Unbelievable sights

9..........feeling

Soaring, 10.........., freewheeling

Through an endless world

A hundred thousand things to see

I’m like a shooting star

I’ve come so far

I can’t go back to where I used to be

A whole new world

With new horizons to fursue

I’ll chase them anywhere

There’s time to spare

Let me share this whole new world with you

The answers of post-test

1. Shimmering 6. Dreaming
2. Hearth 7. Dazzling
3. Take 8. Whole
4. Sideways 9. Indescribable
5. Fantastic 10. Tumbling

**Appendix 6.**

**Table 1**

**The description students’ scores in post-test**

**IPA 1 students’ first song**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Name** | **Fill the blank** | **Number of Question** | **Individual Score** | **Ranting Category** |
| 1 | PL | 2 | 10 | 6 | Low |
| 2 | FA | 2 | 10 | 6 | Low |
| 3 | LY | 1 | 10 | 3 | Low |
| 4 | D | 1 | 10 | 3 | Low |
| 5 | R | 1 | 10 | 3 | Low |
| 6 | SG | 0 | 10 | 0 | Low |
| 7 | NS | 1 | 10 | 3 | Low |
| 8 | M | 1 | 10 | 3 | Low |
| 9 | IU | 1 | 10 | 3 | Low |
| 10 | MS | 0 | 10 | 0 | Low |
| 11 | MJ | 1 | 10 | 3 | Low |
| 12 | P | 2 | 10 | 6 | Low |
| 13 | DP | 0 | 10 | 0 | Low |
| 14 | RS | 1 | 10 | 3 | Low |
| 15 | KH | 2 | 10 | 6 | Low |
| 16 | TP | 1 | 10 | 3 | Low |
| 17 | H | 0 | 10 | 0 | Low |
| 18 | CP | 1 | 10 | 3 | Low |
| 19 | SP | 4 | 10 | 12 | Medium |
| 20 | RP | 3 | 10 | 9 | Low |
| 21 | SA | 1 | 10 | 3 | Low |
| 22 | SS | 1 | 10 | 3 | Low |
| 23 | MS | 1 | 10 | 3 | Low |
| 24 | S | 3 | 10 | 9 | Low |
| 25 | SW | 1 | 10 | 3 | Low |
| 26 | R | 2 | 10 | 6 | Low |
| 27 | D | 1 | 10 | 3 | Low |
| 28 | PS | 0 | 10 | 0 | Low |
| 29 | MH | 0 | 10 | 0 | Low |
| 30 | P | 1 | 10 | 3 | Low |
| 31 | KP | 0 | 10 | 0 | Low |
| 32 | YF | 0 | 10 | 0 | Low |
| 33 | SH | 1 | 10 | 3 | Low |
| 34 | G | 4 | 10 | 12 | Medium |
| 35 | AP | 0 | 10 | 0 | Low |
|  | **Total** | 41 | 350 | 123 |  |

**Individual score : x 100**

**= 0.1171 x 100**

**= 11.71%**

**Appendix 7.**

“AT MY WORST”

By

Can i call you baby?

Can you be my friend?

Can you be my 1..........up until the very end?

Let me show you love, oh i don't 2.........

Stick by my side even when the world is 3......... in (Yeah)

Oh, oh, oh, don't

Don't you 4.........

I'll be there, whenever you want me

**Reff**: I need somebody 5.........can love me at my 6.........

Know i'm not perfect but i hope you see my worth

'7........ it's only you, nobody new, I put you first

And for you, girl, i 8.........i'll do the worst

Ooh, ooh-ooh, ooh-ooh-ooh

Ooh, ooh, ooh, ooh-ooh-ooh

If you stay forever, let me 9.........you hand

I can fill those places in your heart no else can

Let me show you love, oh i don't pretend (Yeah)

I'll be right here, baby, you know i'll 10........or swim

Oh, oh, oh, don't

Don't you worry

I'll be there, whenever you want me (Back to reff)

Ooh, ooh-ooh, ooh-ooh-ooh

Ooh, ooh, ooh, ooh-ooh-ooh

Ooh, ooh-ooh, ooh-ooh-ooh

(Back to reff)

The answers of post-test

1. Lover 6. Worst
2. Pretent 7. Cause
3. Givin’ 8. Swear
4. Worry 9. Hold
5. Who 10. Sink

**Appendix 8.**

**Table II**

**The description students’ scores in post-test**

**IPA 1 students’ second song**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Name** | **Fill the blank** | **Number of Question** | **Individual Score** | **Ranting Category** |
| 1 | PL | 6 | 10 | 18 | Medium |
| 2 | FA | 5 | 10 | 15 | Medium |
| 3 | LY | 6 | 10 | 18 | Medium |
| 4 | D | 4 | 10 | 12 | Medium |
| 5 | R | 8 | 10 | 24 | High |
| 6 | SG | 6 | 10 | 18 | Medium |
| 7 | NS | 7 | 10 | 21 | High |
| 8 | M | 5 | 10 | 15 | Medium |
| 9 | IU | 5 | 10 | 15 | Medium |
| 10 | MS | 7 | 10 | 21 | High |
| 11 | MJ | 6 | 10 | 18 | Medium |
| 12 | P | 5 | 10 | 15 | Medium |
| 13 | DP | 6 | 10 | 18 | Medium |
| 14 | RS | 5 | 10 | 15 | Medium |
| 15 | KH | 7 | 10 | 21 | High |
| 16 | TP | 5 | 10 | 15 | Medium |
| 17 | H | 8 | 10 | 24 | High |
| 18 | CP | 6 | 10 | 18 | Medium |
| 19 | SP | 7 | 10 | 21 | High |
| 20 | RP | 5 | 10 | 15 | Medium |
| 21 | SA | 5 | 10 | 15 | Medium |
| 22 | SS | 7 | 10 | 21 | High |
| 23 | MS | 6 | 10 | 18 | Medium |
| 24 | S | 8 | 10 | 24 | High |
| 25 | SW | 7 | 10 | 21 | High |
| 26 | R | 6 | 10 | 18 | Medium |
| 27 | D | 6 | 10 | 18 | Medium |
| 28 | PS | 5 | 10 | 15 | Medium |
| 29 | MH | 5 | 10 | 15 | Medium |
| 30 | P | 6 | 10 | 18 | Medium |
| 31 | KP | 7 | 10 | 21 | High |
| 32 | YF | 5 | 10 | 15 | Medium |
| 33 | SH | 5 | 10 | 15 | Medium |
| 34 | G | 7 | 10 | 21 | High |
| 35 | AP | 6 | 10 | 18 | Medium |
|  | **Total** | 210 | 350 | 630 |  |

**Individual score : x 100**

**= 0.6 x 100**

**= 60%**

**Appendix 9.**

“BEFORE YOU GO”

By Lewis Capaldi

I fell by the wayside like everyone else

I hate you, i hate you, i hate you, but i was just kidding myself

Our every moment, i start to 1.........

'Cause now that they're 2........., all i hear are the words that i needed to say

When you hurt under the 3.........

Like troubled water 4.........cold

Well, time can heal, but this won't

**Reff**: So, before you go

Was there something i 5......... said to make your heart beat better?

If only i'd have known you had a 6.........to weather

So, before you go

Was there something i could've said to make it all stop 7.........?

It kills me how your mind can make you feel so worthless

So, before you go

Was never the right time, whenever you called

Went little by little by little until there was nothing at all

Our every moment, i start to replay

But all i can think about is 8..........that look on your face

When you hurt under the surface

Like troubled water running cold

Well, some can heal, but this won't (Back to reff)

Would we be better off by now

If i'd have let my 9..........come down?

Maybe, i 10.........we'll never know

You know, you know

(Back to reff)

The answers of post-test

1. Replace 6. Storm
2. Gone 7. Hurting
3. Surface 8. Seeing
4. Running 9. Walls
5. Could’ve 10. Guess

**Appendix 10.**

**Table III**

**The description students’ scores in post-test**

**IPA 1 students’ last song**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Name** | **Fill the blank** | **Number of Question** | **Individual Score** | **Ranting Category** |
| 1 | PL | 10 | 10 | 30 | High |
| 2 | FA | 9 | 10 | 27 | High |
| 3 | LY | 8 | 10 | 24 | High |
| 4 | D | 7 | 10 | 21 | High |
| 5 | R | 8 | 10 | 24 | High |
| 6 | SG | 9 | 10 | 27 | High |
| 7 | NS | 8 | 10 | 24 | High |
| 8 | M | 9 | 10 | 27 | High |
| 9 | IU | 6 | 10 | 18 | Medium |
| 10 | MS | 10 | 10 | 30 | High |
| 11 | MJ | 9 | 10 | 27 | High |
| 12 | P | 7 | 10 | 21 | High |
| 13 | DP | 10 | 10 | 30 | High |
| 14 | RS | 9 | 10 | 27 | High |
| 15 | KH | 9 | 10 | 27 | High |
| 16 | TP | 8 | 10 | 24 | High |
| 17 | H | 8 | 10 | 24 | High |
| 18 | CP | 10 | 10 | 30 | High |
| 19 | SP | 7 | 10 | 21 | High |
| 20 | RP | 8 | 10 | 24 | High |
| 21 | SA | 9 | 10 | 27 | High |
| 22 | SS | 7 | 10 | 21 | High |
| 23 | MS | 8 | 10 | 24 | High |
| 24 | S | 8 | 10 | 24 | High |
| 25 | SW | 10 | 10 | 30 | High |
| 26 | R | 10 | 10 | 30 | High |
| 27 | D | 9 | 10 | 27 | High |
| 28 | PS | 8 | 10 | 24 | High |
| 29 | MH | 8 | 10 | 24 | High |
| 30 | P | 9 | 10 | 27 | High |
| 31 | KP | 7 | 10 | 21 | High |
| 32 | YF | 8 | 10 | 24 | High |
| 33 | SH | 9 | 10 | 27 | High |
| 34 | G | 9 | 10 | 27 | High |
| 35 | AP | 8 | 10 | 24 | High |
|  | **Total** | 296 | 350 | 888 |  |

**Individual score : x 100**

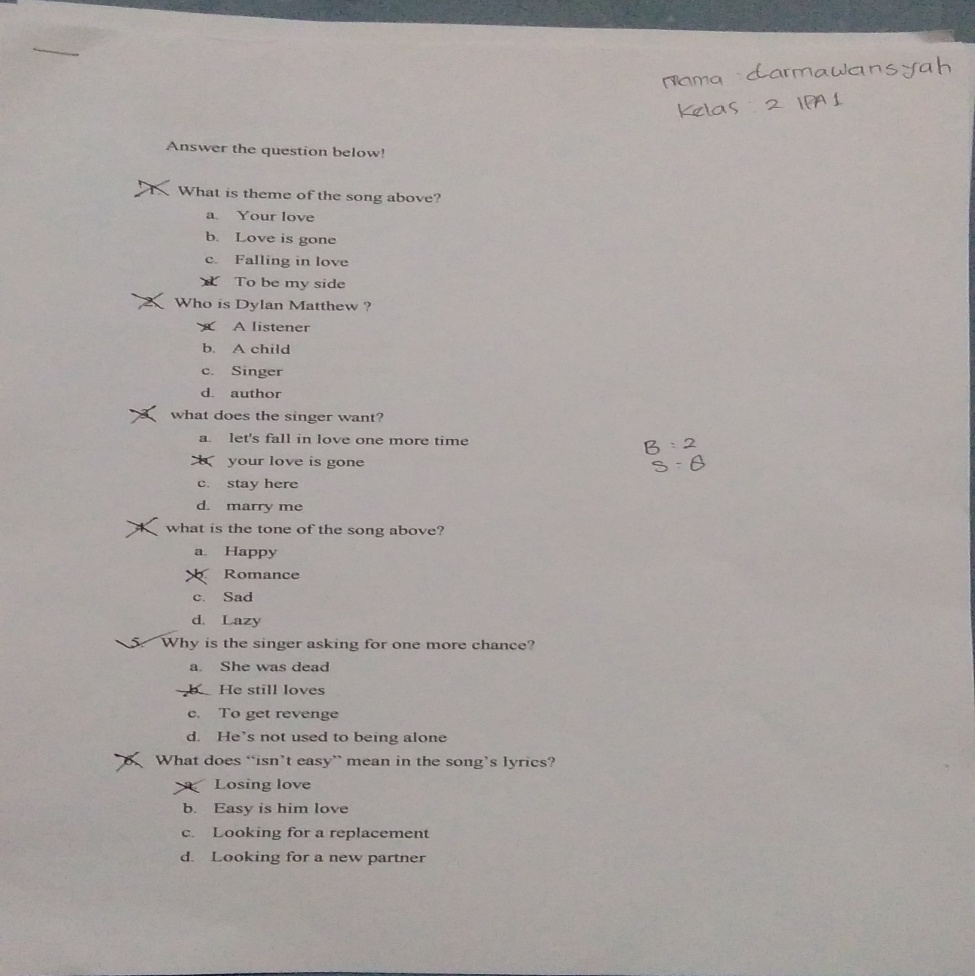
**= 0.8457 x 100**

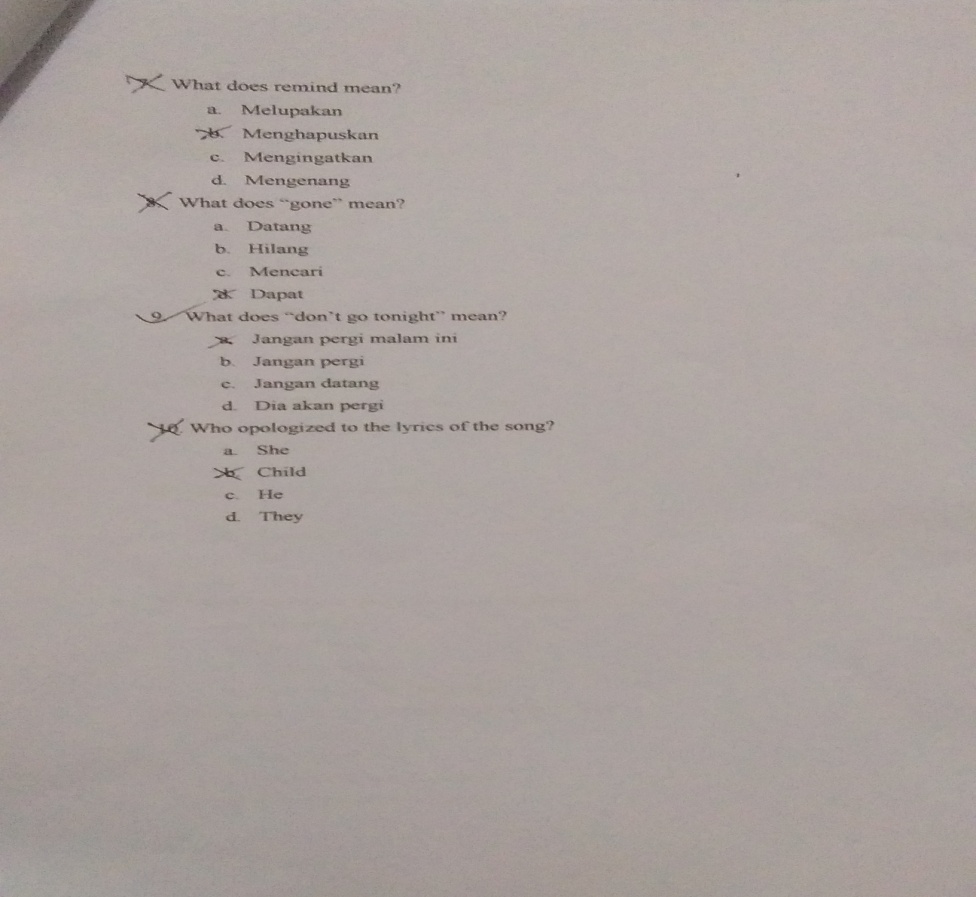
**= 84.57%**

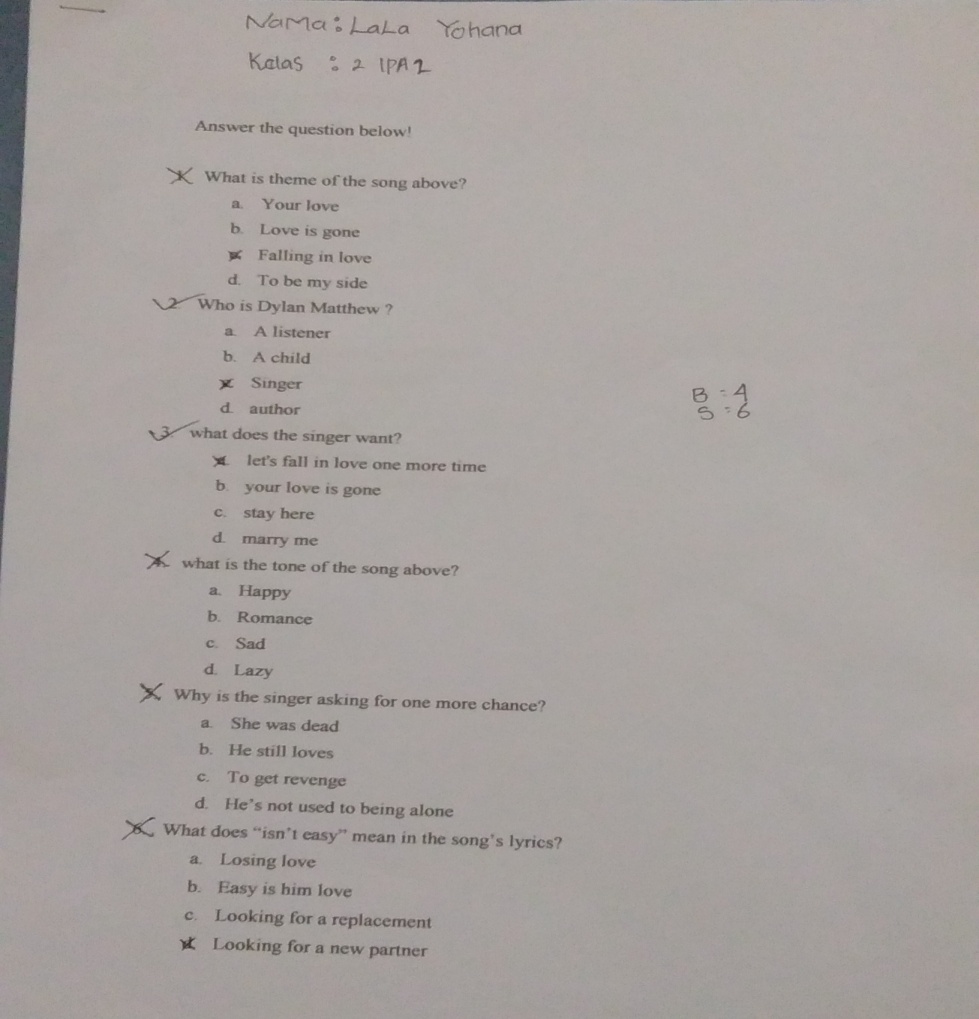
**Appendix 11. Validity**

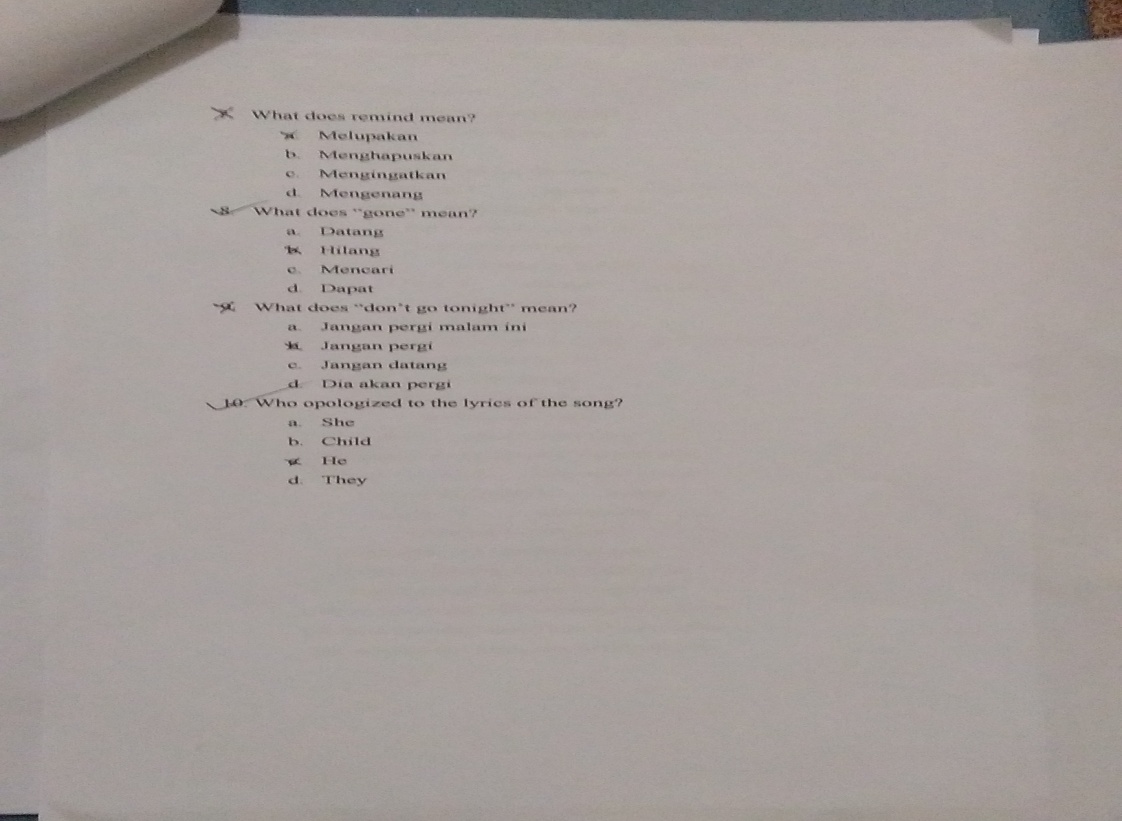
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Nama | Number Questions | | | | | | | | | | | | | | | Y | Y2 | X1^2 | | X1Y | X2^2 | X2Y | |
| 1(3) | 2(3) | 3(3) | 4(3) | 5(3) | 6(3) | 7(3) | 8(3) | 9(3) | 10(3) |  |  |  |  |  |  |  |  | |  |  |  |
| 1 | PL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | 900 | 9 | 90 | 9 | 90 | 9 | 90 | | 9 | 90 | 9 | |
| 2 | FA | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | 900 | 9 | 90 | 9 | 90 | 9 | 90 | | 9 | 90 | 9 | |
| 3 | LY | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | 900 | 9 | 90 | 9 | 90 | 9 | 90 | | 9 | 90 | 9 | |
| 4 | D | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 24 | 576 | 9 | 72 | 9 | 72 | 0 | 0 | | 9 | 72 | 9 | |
| 5 | R | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 0 | 3 | 3 | 24 | 576 | 9 | 72 | 9 | 72 | 9 | 72 | | 0 | 0 | 9 | |
| 6 | SG | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | 900 | 9 | 90 | 9 | 90 | 9 | 90 | | 9 | 90 | 9 | |
| 7 | NS | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | 900 | 9 | 90 | 9 | 90 | 9 | 90 | | 9 | 90 | 9 | |
| 8 | M | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | 900 | 9 | 90 | 9 | 90 | 9 | 90 | | 9 | 90 | 9 | |
| 9 | IU | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 27 | 729 | 9 | 81 | 9 | 81 | 9 | 81 | | 9 | 81 | 9 | |
| 10 | MS | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 27 | 729 | 0 | 0 | 9 | 81 | 9 | 81 | | 9 | 81 | 9 | |
| 11 | MJ | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 27 | 729 | 9 | 81 | 9 | 81 | 9 | 81 | | 9 | 81 | 9 | |
| 12 | P | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 24 | 576 | 0 | 0 | 9 | 72 | 9 | 72 | | 9 | 72 | 0 | |
| 13 | DP | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | 900 | 9 | 90 | 9 | 90 | 9 | 90 | | 9 | 90 | 9 | |
| 14 | RS | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 24 | 576 | 0 | 0 | 9 | 72 | 9 | 72 | | 9 | 72 | 9 | |
| 15 | KH | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | 900 | 9 | 90 | 9 | 90 | 9 | 90 | | 9 | 90 | 9 | |
| 16 | TP | 3 | 3 | 0 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 24 | 576 | 9 | 72 | 9 | 72 | 0 | 0 | | 9 | 72 | 9 | |
| 17 | H | 0 | 3 | 3 | 0 | 3 | 3 | 3 | 0 | 3 | 0 | 18 | 324 | 0 | 0 | 9 | 54 | 9 | 54 | | 0 | 0 | 0 | |
| 18 | CP | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 27 | 729 | 9 | 81 | 9 | 81 | 9 | 81 | | 9 | 81 | 0 | |
| 19 | SP | 0 | 3 | 3 | 0 | 3 | 3 | 3 | 0 | 3 | 3 | 21 | 441 | 0 | 0 | 9 | 63 | 9 | 63 | | 0 | 0 | 9 | |
| 20 | RP | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | 900 | 9 | 90 | 9 | 90 | 9 | 90 | | 9 | 90 | 9 | |
| 21 | SA | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | 900 | 9 | 90 | 9 | 90 | 9 | 90 | | 9 | 90 | 9 | |
| 22 | SS | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 24 | 576 | 9 | 72 | 9 | 72 | 0 | 0 | | 9 | 72 | 9 | |
| 23 | MS | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | 900 | 9 | 90 | 9 | 90 | 9 | 90 | | 9 | 90 | 9 | |
| 24 | S | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 27 | 729 | 9 | 81 | 9 | 81 | 9 | 81 | | 9 | 81 | 9 | |
| 25 | SW | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 27 | 729 | 9 | 81 | 9 | 81 | 9 | 81 | | 9 | 81 | 0 | |
| 26 | R | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | 900 | 9 | 90 | 9 | 90 | 9 | 90 | | 9 | 90 | 9 | |
| 27 | D | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | 900 | 9 | 90 | 9 | 90 | 9 | 90 | | 9 | 90 | 9 | |
| 28 | PS | 3 | 3 | 0 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 24 | 576 | 9 | 72 | 9 | 72 | 0 | 0 | | 0 | 0 | 9 | |
| 29 | MH | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 0 | 24 | 576 | 9 | 72 | 9 | 72 | 9 | 72 | | 9 | 72 | 0 | |
| 30 | P | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | 900 | 9 | 90 | 9 | 90 | 9 | 90 | | 9 | 90 | 9 | |
| 31 | KP | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 0 | 3 | 3 | 21 | 441 | 9 | 63 | 9 | 63 | 9 | 63 | | 0 | 0 | 9 | |
| 32 | YF | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 0 | 3 | 3 | 24 | 576 | 9 | 72 | 9 | 72 | 9 | 72 | | 9 | 72 | 9 | |
| 33 | SH | 3 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 0 | 3 | 27 | 729 | 9 | 72 | 9 | 72 | 9 | 72 | | 0 | 72 | 9 | |
| 34 | G | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 29 | 841 | 9 | 87 | 9 | 87 | 9 | 87 | | 9 | 87 | 9 | |
| 35 | AP | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 | 900 | 9 | 90 | 9 | 90 | 9 | 90 | | 9 | 90 | 9 | |
| ∑X | | 90 | 105 | 93 | 96 | 90 | 96 | 90 | 117 | 99 | 87 | 944 | 25834 | 8100 | 2481 | 315 | 2823 | 279 | 2535 | | 261 | 2499 | 270 | |
| (∑ X)2 | | 8100 | 11025 | 8649 | 9216 | 8100 | 9216 | 8100 | 13689 | 9801 | 7569 |  |  |  |  |  |  |  |  |  |  |  | | |
| ∑X2 | | 270 | 315 | 279 | 261 | 2823 | 279 | 2535 | 261 | 2499 | 270 |  |  |  |  |  |  |  |  |  |  |  | | |
| ∑XY | | 2481 | 2823 | 2535 | 2499 | 279 | 2535 | 261 | 2499 | 270 | 2463 |  |  |  |  |  |  |  |  |  |  |  | | |
| rtabel | | 0.361 | 0.361 | 0.361 | 0.361 | 0.361 | 0.361 | 0.361 | 0.361 | 0.361 | 0.361 |  |  |  |  |  |  |  |  |  |  |  | | |
| rxy | | 21.590 | 33.257 | -2.063 | 33.850 | 20.805 | 34.208 | 22.324 | 9.765 | -0.014 | -2.300 |  |  |  |  |  |  |  |  |  |  |  | | |
| keterangan | | Valid | Valid | Tidak Valid | Valid | Valid | Valid | Valid | Valid | Tidak Valid | Tidak Valid |  |  |  |  |  |  |  |  |  |  |  | | |

**Appendix 12.pre-test**

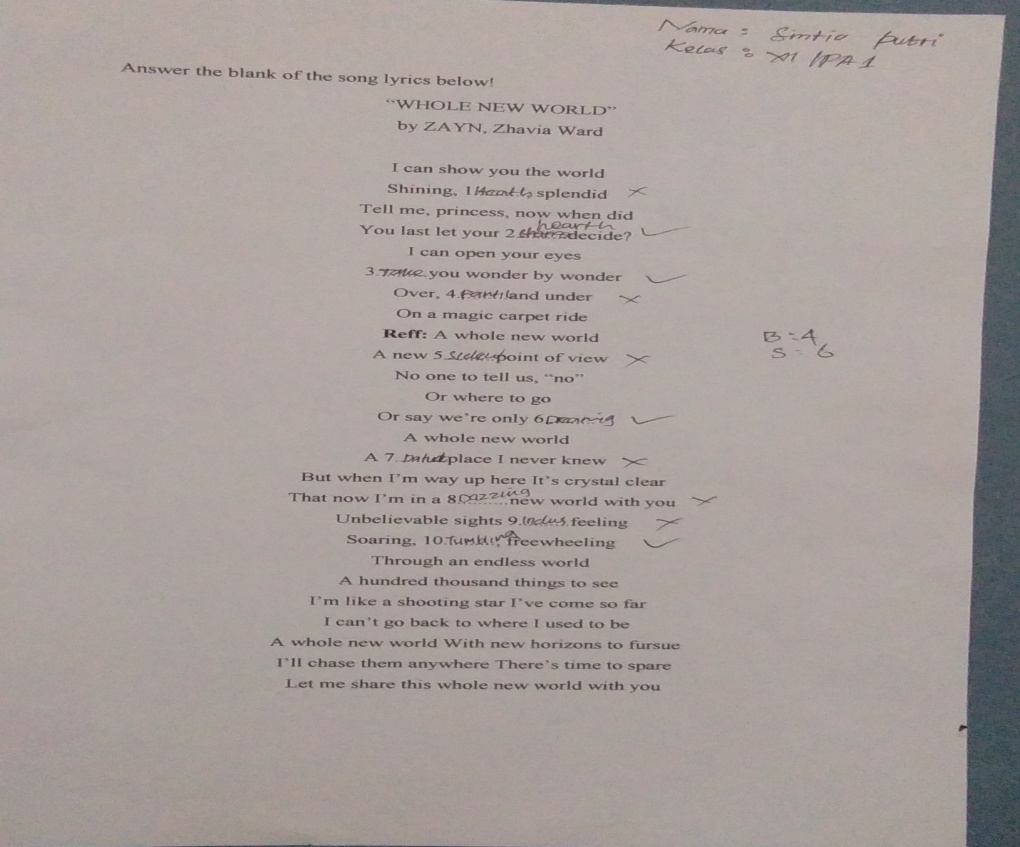
****

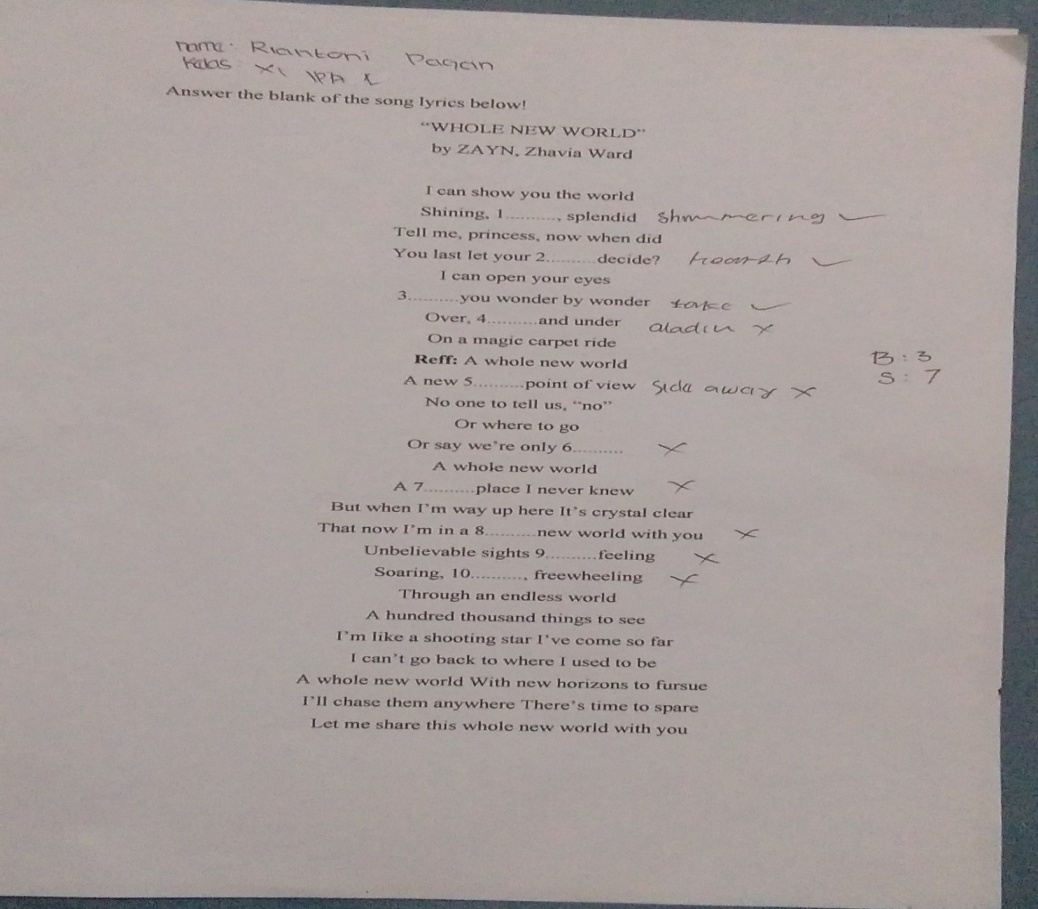
****

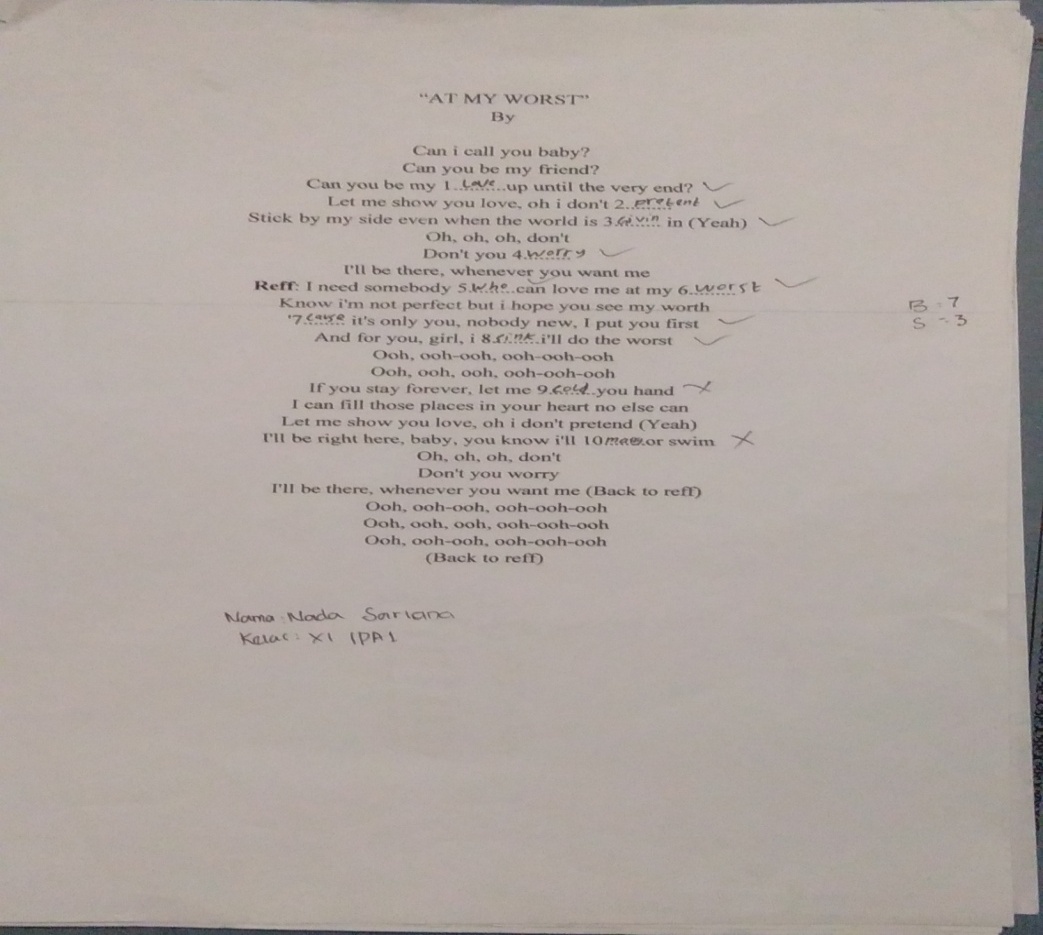
****

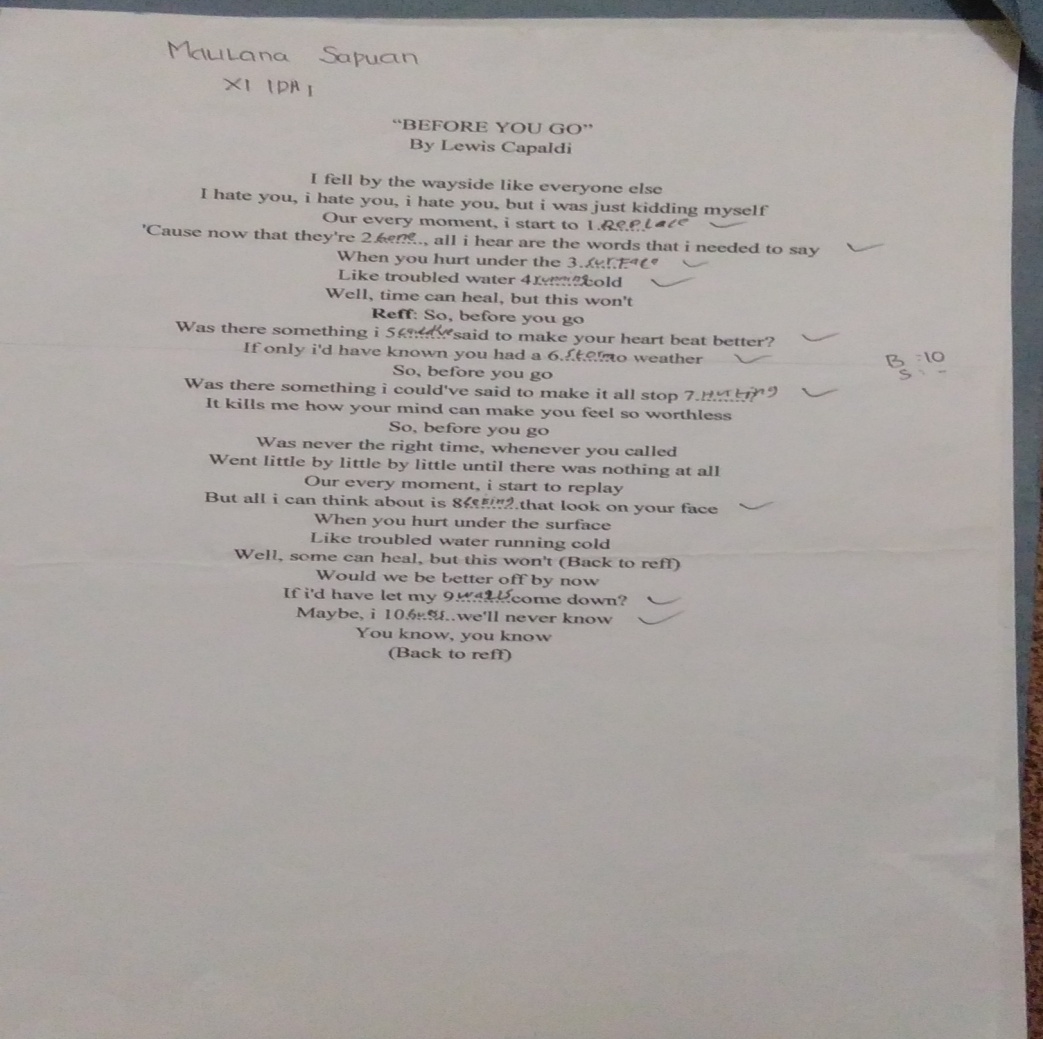
****

**Appendix 13.post-test**

****

****

****

****

**Documentation**

**Pre-test (IPA 1)**

****

****

**Pre-test (IPA 2)**

****

****

****

****

**Post-test (IPA 1)**

****

****

****

****