ENGLISH FOR FUTURE TEACHERS OF PRIMARY SCHOOLS

BAHAN BELAJAR MANDIRI 7: COMPLEX SENTENCES II: ADJECTIVE AND ADVERB CLAUSES

Pada Bahan Belajar Mandiri 7 ini, mahasiswa akan mengenal ciri-ciri kalimat dalam Bahasa Inggris yang tidak sederhana, yaitu kalimat majemuk *Complex Sentences* dengan pengenalan klausa *Adjective Clauses* dan *Adverb Clauses*.

Tujuan Belajar Umum

Memperkenalkan ciri-ciri kalimat yang tidak sederhana, yaitu kalimat majemuk *Complex Sentences* dengan pengenalan klausa *Adjective Clauses* dan *Adverb Clauses*.

Tujuan Belajar Khusus:

- 1. Mahasiswa dapat menentukan posisi Adjective dan Adverb dalam pola kalimat perbandingan *Degree of Comparison*, baik dalam pola *Absolute, Comparative* maupun *Superlative Degrees* dan bisa menggunakannya dalam kalimat.
- Mahasiswa dapat menyebutkan ciri-ciri serta fungsi 'Adjective Clauses' dan 'Adverb Clauses' sebagai 'Dependent'/ 'subordinate' Clause dalam Kalimat Kompleks 'Complex Sentences' bahasa Inggris.

Untuk membantu Anda mencapai tujuan tersebut, BBM ini diorganisasikan menjadi tiga Kegiatan Belajar (KB), yaitu:

KB 1: Comparative dan Superlative Degrees dalam Adjectives dan Adverbs

KB 2: 'Adjective Clauses' sebagai 'Dependent'/ 'subordinate' Clause dalam Kalimat Kompleks 'Complex Sentences' bahasa Inggris

KB 3: 'Adverb Clauses' sebagai 'Dependent'/ 'subordinate' Clause dalam Kalimat Kompleks 'Complex Sentences' bahasa Inggris

Untuk membantu Anda dalam mempelajari BBM ini ada baiknya Anda memperhatikan beberapa petunjuk belajar berikut ini:

- 1. Bacalah dengan cermat bagian pendahuluan ini sampai Anda memahami secara tuntas tentang apa, untuk apa, dan bagaimana mempelajari bahan belajar ini.
- Bacalah secara sepintas bagian demi bagian dan temukan kata-kata kunci dari kata-kata yang dianggap baru. Carilah dan baca pengertian kata-kata kunci tersebut dalam kamus yang Anda miliki.
- 3. Tangkaplah pengertian melalui pemahaman sendiri dan diskusikan dengan mahasiswa lain atau dengan tutor Anda.
- 4. Untuk memperluas wawasan Anda, bacalah dan pelajari sumber-sumber lain yang relevan. Anda dapat menemukan bacaan dari berbagai sumber, termasuk dari internet.
- 5. Mantapkan pemahaman Anda dengan mengerjakan latihan dan melalui kegiatan diskusi dalam tutorial dengan mahasiswa lainnya atau teman sejawat.
- 6. Jangan lewatkan untuk mencoba menjawab soal-soal yang terdapat pada setiap akhir kegiatan belajar. Hal ini berguna untuk mengetahui apakah Anda sudah memahami dengan benar kandungan bahan belajar ini.

Selamat belajar!

Kegiatan Belajar 1

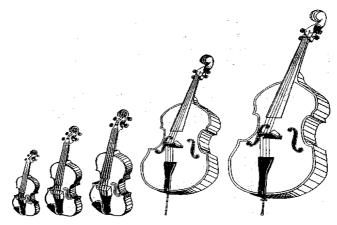
Comparative dan Superlative Degrees dalam Adjectives dan Adverbs

| Syllabic | Positive/ Absolute | Comparative | Superlative |
|----------|-----------------------|----------------------|-----------------------|
| 1-2 | | Positive-er + than | The + positive-est |
| > 2 | – Adjectives | More positive + than | The most positive-est |
| One | Small | Smaller | The smallest |
| | High | higher | The highest |
| | Cold | Colder | The coldest |
| | Mild | Milder | The mildest |
| Two | Easy | Easier | The easiest |
| | Pretty | Prettier | The prettiest |
| Three | Brilliant | More brilliant | The most brilliant |
| | Iimportant | More important | The most important |
| | Dangerous | More dangerous | The most dangerous |
| | Beautiful | More Beautiful | The most beautiful |

7.1 COMPARATIVES AND SUPERLATIVES OF ADJECTIVES

| Adjectives | | | | |
|--|---|-----------|--|--|
| Ending in <i>er</i> , <i>ly</i> or <i>le</i> | | | | |
| Positive/Absolute | Positive/Absolute Comparative Superlative | | | |
| Clever | Cleverer | Cleverest | | |
| Early | Earlier | Earliest | | |
| Simple | Simpler | Simplest | | |

Violins



Violino Picolo Violin Viola Cello Double Bass

| Form | Function | Example |
|-------------|---|--|
| Absolute | is used to describe a thing or person | The violin is a small instrument. |
| Comparative | is used when comparing two things, or when comparing something(s) with other things. | The violin is smaller than the cello. |
| Superlative | is used when comparing more than two things, or when one in a group has the greatest amount of a quality. | <i>The violino picollo is the smallest of the violin family.</i> |

7.2 COMPARATIVES AND SUPERLATIVES OF ADVERBS

| | Adverbs | | | |
|-------------------|---------------|---------------|--|--|
| Positive/Absolute | Comparative | Superlative | | |
| Fast | Faster | Fastest | | |
| Early | Earlier | Earliest | | |
| Slowly | More slowly | Most slowly | | |
| Commonly | More commonly | Most commonly | | |

| Irregular Adjectives and Adverbs | | |
|----------------------------------|-------------|-------------|
| Positive/Absolute | Comparative | Superlative |
| good (adj) | better | best |
| well (adv) | better | best |
| bad (adj) | worse | worst |
| badly (adv) | worse | worst |
| little (adj/adv) | less | least |
| many (adj) | more | most |
| much (adj/adv) | more | most |
| far (adj/adv) | farther | farthest |
| | further | furthest |
| late (adv) | later | last |
| old (adj) | older | oldest |
| | elder | eldest |

7.3 Irregular comparatives and superlatives of adjectives and adverbs

RANGKUMAN

Kalimat yang menggunakan *Degree of Comparison* harus memperhatikan posisi *Adjective* dan *Adverb* dalam pola kalimatnya, baik dalam pola *Absolute, Comparative* maupun *Superlative Degrees.* Perhatikan regular atau irregular adverbs or adjectives, perhatikan apakah menggunakan –*est, er, more,* atau *most.*

LATIHAN

Untuk memperdalam pemahaman Anda tentang materi yang telah diuraikan di atas, kerjakanlah soal latihan berikut.

Task 7.1.1

From the four words or phrases (A), (B), (C), (D), choose the one that best completes the sentence.

| Tempe | Temperature, the simplest weather element to measure, is probably | | |
|--|---|---|---|
| used th | nan any other kind of data. | | |
| (A) | more frequently | (C) | as frequently |
| (B) | most frequently | (D) | frequently |
| Paprik | a is cayenne pepper, an | d it has | a sweeter taste. |
| (A) | least biting | (C) | lesser biting than |
| (B) | less biting than | (D) | less as |
| The fo | ods that contain are ma | de of a | nimal fat whereas vegetables |
| have the | he least energy. | | |
| (A) | as much energy as | (C) | the most energy |
| (B) | the more energy | (D) | more energy than |
| Albert | Einstein's contributions to sci | entific t | heory -were those of |
| Galileo and Newton. | | | |
| (A) | important than | (C) | the most important |
| (B) | more important | (D) | as important as |
| Impalas cannot move as cheetahs, but they are more efficient | | | they are more efficient |
| runner | s. | | |
| (A) | faster than | (C) | fast |
| (B) | fast as | (D) | are fast as |
| Apart | from Pluto, the outer planets _ | th | e inner planets and are made |
| mainly | of lighter materials such as h | ydroger | n and helium. |
| (A) | are larger than | (C) | larger than |
| (B) | are the largest | (D) | are large |
| | used th (A) (B) Paprik (A) (B) The for have th (A) (B) Albert Galilee (A) (B) Impala runner (A) (B) Apart (A) (B) | used than any other kind of data. (A) more frequently (B) most frequently Paprika is cayenne pepper, and (A) least biting (B) less biting than The foods that contain are mathematication and the least energy. (A) as much energy as (B) the more energy Albert Einstein's contributions to scient Galileo and Newton. (A) important than (B) more important Impalas cannot move as cheeta runners. (A) faster than (B) fast as Apart from Pluto, the outer planets mainly of lighter materials such as have the set of the se | used than any other kind of data. (A) more frequently (C) (B) most frequently (D) Paprika is cayenne pepper, and it has (A) least biting (C) (B) less biting than (D) The foods that contain are made of an have the least energy. (A) as much energy as (C) (B) the more energy (D) Albert Einstein's contributions to scientific to Galileo and Newton. (A) important than (C) (B) more important (D) Impalas cannot move as cheetahs, but runners. (A) faster than (C) (B) fast as (D) Apart from Pluto, the outer planets th mainly of lighter materials such as hydroger (A) are larger than (C) |

From the four underlined words or phrases (A), (B), (C), (D), identify the one that is not incorrect.

| 7. | During the 1700s, Philad | elphia <u>develop</u> | ed into the mos | st wealth | <u>y</u> city in |
|-----|----------------------------------|--------------------------|-----------------------------|-----------------|------------------|
| | А | В | | С | |
| | the American colonies. | | | | |
| | D | | | | |
| 8. | According to Freud, the | mind <u>experienc</u> | <u>es</u> more <u>uncon</u> | <u>sciouser</u> | than |
| | А | В | | С | |
| | conscious activity. | | | | |
| | D | | | | |
| 9. | Eleanor Roosevelt was of | ne of the most | activest and int | fluential | <u>first</u> |
| | А | | В | С | D |
| | ladies. | | | | |
| | | | | | |
| 10. | The Sahara Desert in Afr | rica is <u>by far</u> th | e <u>most large</u> de | sert in th | e world, |
| | | А | В | | |
| | covering an area <u>nearly</u> a | <u>s big as</u> the Ur | ited States. | | |
| | С | D | | | |
| 11. | Peanuts are closely relate | ed to peas than | <u>to nuts.</u> | | |
| | A B C | | D | | |
| | | | | | |
| 12. | Most evergreens have ne | <u>edle-like</u> leave | s that require <u>le</u> | east wate | r than |
| | А | В | | С | |
| | <u>regular</u> leaves. | | | | |
| | D | | | | |
| | | | | | Broukal:108-109 |

TES FORMATIF I

Choose the correct adjective or adverb in parentheses.

| 1. | Franklin became a (successfully/successful) printer. |
|----|---|
| 2. | At age 40, Franklin became (interested/interestingly) in electricity. |
| 3. | Franklin produced a (week/weekly) newspaper and many popular books. |
| 4. | The lightning conductor attracted lightning and carried it (safe/safely) to the ground. |
| 5. | Among his many inventions was a (smokelessly/smokeless) stove. |
| 6. | Franklin put his invention to (well/good) use. |

BALIKAN DAN TINDAK LANJUT

Cocokkanlah hasil jawaban Anda dengan kunci jawaban KB 1 yang ada pada bagian akhir BBM 7 ini. Hitunglah jawaban Anda yang benar, kemudian gunakan rumus di bawah ini untuk mengetahui tingkat penguasaan Anda terhadap materi Kegiatan Belajar 1.

Rumus:

Tingkat penguasaan = $\frac{\text{Jumlah jawaban Anda yang benar}}{10} \times 100\%$

Arti tingkat penguasaan yang Anda capai:

90 - 100% = baik sekali 80 - 89% = baik 70 - 79% = cukup

$$< 70\% = kurang$$

Apabila Anda mencapai tingkat penguasaan lebih dari 80% atau lebih, **Selamat dan Sukses!** Anda dapat meneruskan dengan Kegiatan Belajar 2. Akan tetapi, apabila tingkat penguasaan Anda masih di bawah 80%, Anda harus mengulangi Kegiatan Belajar 1, terutama bagian yang belum Anda kuasai.

Kegiatan Belajar 2:

Adjective Clauses sebagai Dependent'/Subordinate Clause dalam kalimat majemuk Complex Sentences bahasa Inggris

ADJECTIVE CLAUSES

Adjective clause termasuk klausa yang tidak dapat berdiri sendiri subordinate or dependent clause sehingga harus dihubungkan dengan main atau independent clause nya, dan memiliki subject dan kata kerja verb.

Seperti fungsi Adjective, maka adjective clause juga menerangkan atau mensifati kata benda noun nya.

Adjective clauses, biasanya diawali dengan:

relative pronoun seperti:

who, whom, whose, which, that

or *relative adverb* seperti: when or where

Perhatikan contoh penggunaan 'Adjective clause' dalam kalimat berikut ini:

| Clause Marker | Use for | Example | |
|------------------|------------------|--|--|
| Who | People | The tribes who lived in the Great Plains used smoke | |
| | (subject) | signals. | |
| Whom | People | The woman whom we met was called Lightning | |
| | (object) | Cloud. | |
| Whose | People/Things | He sent a message whose meaning we had agreed | |
| | (possessive) | upon in advance. | |
| Which | Things | That is a tribe which interests me. (subject) | |
| | (Subject/Object) | The drumbeats which we heard sent a message, | |
| | | (object) | |

| That | People/Things | The Apache is a tribe that I will research, (object) |
|-------|------------------|---|
| | (Subject/Object) | The smoke that you see is from the hills, (subject) |
| Where | Place (Adverb) | That is the valley where the tribe lived. |
| when | Time (Adverb) | That is the day when we get the signal. |

LATIHAN

Untuk memperdalam pemahaman Anda tentang materi yang telah diuraikan di atas, kerjakanlah soal latihan berikut.

Task 7. 2.1.

Complete the sentences with the relative pronouns: which, who, whose.

- 1. The smoke signals ______ the American Indians used did not convey complex messages.
- 2. The signals contained simple messages _____ meaning had been agreed upon in.
- 3. A warrior_____ had finished a successful raid might send a simple column of smoke to his village.
- 4. They made fires ______ were fed with damp grass.
- 5. It was the place the signal come from _____ conveyed most message.
- 6. When one group spotted another group of Indians, they lit a fire to their right _____ meant 'who are you?.

Broukal, 1997:76-77

Task 7.2.2

Choose the correct relative pronoun in parentheses to complete the sentence.

- 1. The seminomadic tribes of the Great Plains used smoke signals (which/ who) were simple.
- 2. A signal (whose/which) conveyed victory in battle was agreed upon in advance.
- 3. The Hollywood movies (which/whom) we watch do not give a true picture of

the Indians.

- 4. A party would send a column of smoke (which/whom) the other understood.
- 5. Drumbeats (whose/which) are used by tribes in Africa can give more complex signals.
- 6. A warrior (who/which) saw an enemy approaching might send a smoke signal.

Broukal, 1997:77

Task 7.2.3

Underline the adjective clause in the following sentences

- 1. Sacagawea, who was a Shoshoni Indian, guided Lewis and Clark to the Columbia River.
- 2. The giant redwood trees that grow in California are named after Sequoyah, who created an alphabet for the Indian people.
- 3. Sequoyah became a teacher and moved to Oklahoma where he continued to teach the alphabet.
- 4. The Shoshoni were a group of Indians who lived in the western plains of Wyoming, Utah, Nevada, and Idaho.
- 5. Each group of Shoshoni was known to the others by the type of food that was plentiful in its particular region.
- 6. The Mossi people of West Africa use talking drums as a means of preserving their history, which has been handed down by generations.

Broukal, 1997:78-79

Strategy

Remember that sometimes the relative pronoun may be omitted from an adjective clause. The relative pronouns which, that, who, and whom can be omitted when they are the object of the adjective clause.

OMISSION OF THE RELATIVE PRONOUN

When the relative pronoun is the subject of the adjective clause, it cannot be omitted.

The man who played the drum was from West Africa, (subject)

If the relative pronoun is the object of the adjective clause, it can be omitted.

The man **whom** I saw was a Native American, *(object)* The man I saw was a Native American.

The drumbeat that I heard was a signal, *(object)* The drumbeat I heard was a signal.

The relative pronouns whose, where, and whereby cannot be omitted.

Sequoyah, **whose** alphabet for the Indian people consisted of 85 characters, was acclaimed a genius by his people. (Whose *cannot be omitted.*) That was the area **where** the tribe lived. (Where *cannot be omitted.*) Sequoyah devised an alphabet **whereby** all the different tribes could read a common language. (Whereby *cannot be omitted.*)

PREPOSITIONS THAT COME BEFORE ADJECTIVE CLAUSES

Adjective Clause terkadang dalam bentuk 'preposition'

There are a number of ways **by which** a message can be sent.

In spoken English the preposition usually goes at the end of the clause, but in formal written English it goes at the beginning of the clause.

| Formal | That was the man to whom I was referring |
|----------|--|
| Informal | That was the man whom I was referring to. |

Task 7.2.4

Circle the number of the sentence where the pronoun/adverb or a preposition is missing. 1. Lewis and Clark went to South Dakota, where they spent a bitter winter among the Mandan tribe.

- 2. It is countries such as Ghana, Dahoney, and Nigeria the use of talking drums is mostly highly developed.
- 3. The most celebrated talking drummers of West Africa are the Yorubas whose principal instrument is known as a dondon.
- 4. Talking drums, play a central role in African cultural and social life, have many uses besides the sending of long-distance messages.
- 5. There are a number of colors which the Pueblo Indians of America identified direction.
- 6. Drumbeats which the actual words of their tribal language is communicated is a traditional form of communication in Africa.

REDUCED ADJECTIVE CLAUSES

Adjective clauses can be reduced to phrases. An adjective phrase modifies a noun. An adjective phrase does not contain a subject and a verb.

| Adjective Clause | The man who is drumming is African. |
|------------------|-------------------------------------|
| Adjective Phrase | The man drumming is African. |

Only adjectives that have a subject pronoun, who, which, or that, can be reduced.

| Clause | The man who is playing the drums is well-known |
|--------|--|
| Phrase | The man playing the drums is well-known |

| Clause | The man (whom) I met was well-known. | |
|--------|--------------------------------------|--|
| Phrase | not possible | |

There are two ways to reduce an adjective phrase.

1. The subject pronoun and the 'be' form of the verb are omitted.

| Clause | The man who is playing is my friend. | |
|--------|--------------------------------------|--|
| Phrase | The man playing is my friend. | |

| Clause | The signals which are given are simple. | |
|--------|---|--|
| Phrase | The signals given are simple. | |

| Clause | The tones that are in the language are important. |
|--------|---|
| Phrase | The tones in the language are important. |

2. When there is no form of be in the adjective clause, you can omit the subject pronoun and change the verb to the –ing form.

| Clause | The Cherokee Indians have an alphabet that consists | | |
|--------|---|--|--|
| | of eighty-five characters. | | |
| Phrase | The Cherokee Indians have an alphabet consisting of | | |
| | eighty-five characters. | | |

| Clause | Anyone who wants to get the news can listen to the | | | |
|--------|--|--|--|--|
| | message. | | | |
| Phrase | Anyone wanting to get the news can listen to the | | | |
| | message. | | | |

Adjective phrases are usually separated by commas, as in adjective clauses.

| Clause | Sequoyah, who was the inventor of an Indian | | | |
|--------|---|--|--|--|
| | alphabet, was a Cherokee Indian. | | | |
| Phrase | Sequoyah, the inventor of an Indian alphabet, | | | |
| | was a Cherokee Indian. | | | |

Task 7.2.5

- 1. Sequoyah, who was the son of an Indian mother and a European father, was born in Tennessee.
- 2. Sequoyah, who was first a hunter, became a trader after a hunting

accident.

- 3. Sequoyah, who had no education, believed that reading and writing were important.
- 4. Sequoyah, who worked on the alphabet for twelve years, finally completed it in 1823.
- 5. His alphabet, which consists of eighty-five sounds, was an important invention for his people.
- 6. A Cherokee newspaper whose columns had news both in English and Cherokee was soon published.
- 7. Thousands of Cherokees who did not know how to read or write started to write using the new alphabet.

TES FORMATIF II

From the four words or phrases (A), (B), (C), or (D), choose the one that best completes the sentence.

Example: Pythons live in rugged tropical areas _____ heavy rainfall and forests.

- (A) they have (C) where the
- (B) that have (D) have

The best answer is (B).

- 1. The thyroid gland, <u>located in the neck</u>.
 - (A) where the hormone thyroxine is produced
 - (B) where produced is the hormone thyroxine
 - (C) the hormone thyroxine is produced there
 - (D) at which is produced the hormone thyroxine
- 2. Dragonflies feed on a large variety of insects _____ catch in flight.
 - (A) in which they (C) there are to

| | (B) which they | (D) there are a | |
|-----|--|-------------------------------|--|
| 3. | According to legend, Betsy Ross was the woman the first | | |
| | American stars and stripes flag. | | |
| | (A) whom she made | (C) who made | |
| | (B) made | (D) and she made | |
| 4. | Pumpkin seeds, protein and i | ron, are a popular snack. | |
| | (A) that | (C) which | |
| | (B) provide | (D) which provide | |
| 5. | The spinal cord is a long, thick but | ndle of nerves from that | |
| | runs is running | | |
| | (A) that runs | (C) it runs | |
| | (B) is running | (D) whom it runs | |
| 6. | George Pullman introduced a dining | g car its own kitchen in | |
| | 1868. | | |
| | A) it had (B) that had (C) | that it had (D) having | |
| 7 | In 1898, pharmacologist | , John H. Abel, isolated the | |
| | hormone adrenaline. | | |
| | (A) an American who | (C) an American | |
| | (B) who, an American | (D) he was an American | |
| 8. | Nitrogen gas, up about 78 | percent of our atmosphere, is | |
| | constantly being used by plants and | animals. | |
| | (A) which it makes | (C) makes | |
| | (B) it makes | (D) which makes | |
| 9. | Paper is made from cellulose fibers, | in all cells. | |
| | (A) are | (C) they are | |
| | (B) which are | (D) which they are | |
| 10. | The pepper plant bears a small, gree | en berry red as it ripens. | |
| | (A) which turns | (C) turns | |
| | (B) it turns | (D) that it turns | |
| 11. | . Quinine, once used to cure malaria, was taken from the bar | | |
| | of a South American tree, the cinche | ona. | |

- (A) it is a famous drug (C) a famous drug
- (B) is a famous drug (D) is a famous drug whose
- 12. Billie Holliday, _____ unique singing style made her famous, was also known as Lady Day.
 - (A) she is a (B) whom (C) who (D) whose

BALIKAN DAN TINDAK LANJUT

Cocokkanlah hasil jawaban Anda dengan kunci jawaban KB 2 yang ada pada bagian akhir BBM 7 ini. Hitunglah jawaban Anda yang benar, kemudian gunakan rumus di bawah ini untuk mengetahui tingkat penguasaan Anda terhadap materi kegiatan belajar 2.

Rumus:

Tingkat penguasaan = $\frac{\text{Jumlah jawaban Anda yang benar}}{10} \times 100\%$

Arti tingkat penguasaan yang Anda capai:

90 - 100% = baik sekali 80 - 89% = baik 70 - 79% = cukup <70% = kurang

Apabila Anda mencapai tingkat penguasaan lebih dari 80% atau lebih, **Selamat dan Sukses!** Anda dapat meneruskan Kegiatan Belajar 3. Akan tetapi, apabila tingkat penguasaan Anda masih di bawah 80%, Anda harus mengulangi Kegiatan Belajar 2, terutama bagian yang belum Anda kuasai.

Kegiatan Belajar 3:

'Adverb Clauses' sebagai 'Dependent'/'subordinate' Clause Kalimat Kompleks 'Complex Sentences' dalam bahasa Inggris

ADVERB CLAUSES

'Adverb clause' termasuk klausa yang tidak dapat berdiri sendiri 'subordinate' or 'dependent' clause, letak 'adverb clause', bisa sebelum ataupun sesudah 'main'/'independent' *clause*, dan memiliki 'subject' dan kata kerja 'verb':

When Schmidt looked at the small points, he saw galaxies. Schmidt saw galaxies **when** he looked at the small points.

Seperti fungsi Adverb, maka adverb clause juga menerangkan hal-hal berikut:

ADVERB CLAUSE MARKERS

The following are some common words used to introduce an adverb clause.

| Kinds of | Adverb Clause Markers | | Example |
|----------|-----------------------|------------|---|
| Adverb | | | |
| | after | before | It was difficult to observe the stars before |
| | by the time | since | the telescope was invented |
| time | until | whenever | |
| | as | as soon as | Meteors glow as they burn up in the |
| | once | till | atmosphere. |
| | when | while | |
| | as | just as | Ancient peoples used the stars as if they |
| manner | as if | like | were calendars. |
| | as though | | The Milky Way looks as though it is a |

| faint band of light. | |
|----------------------|--|
|----------------------|--|

| | because | now that | Since some planets are too far away to |
|------------|-----------------|---------------|--|
| cause | since | as long as | send people, computer-operated space |
| and | | | probes are sent. |
| effect | as | so that | Spacesuits were designed for astronauts so |
| | | | that they could breathe in space. |
| | while | though | Most stars are white while some are |
| | even though | whereas | colored. |
| opposition | although | | Although helium is rare on Earth, it is |
| | | | common in the universe. |
| | in the event th | nat | You will see hundreds of stars if you |
| | in case that | if | look at the sky. |
| condition | unless | even if | You can study distant stars provided that |
| | provided that | only if | you have a radio telescope |
| | so that | in order that | Astronomers improved telescopes so that |
| | | | they would discover more about the stars. |
| purpose | so (that) | In order to | Astronomers developed bigger and bigger |
| | | | telescopes in order to see the stars more |
| | | | clearly. |
| | so that | | The stars are so far away that they cannot |
| result | | | be seen without a telescope. |
| | such that | | The meteor hit the Earth with such force |
| | | | that it made a crater. |
| place | where | everywhere | A crater was formed where the meteor hit |
| | | | the earth. |
| | wherever | | There were stars wherever she looked. |

LATIHAN

Untuk memperdalam pemahaman Anda tentang materi yang telah diuraikan di atas, kerjakanlah soal latihan berikut.

Task 7.3.1

Choose the correct adverb clause marker from the parentheses.

- 1. Quasars are an important discovery (because/although) they are the most powerful objects ever seen.
- 2. The outer planets are cooler than the inner ones (as/whereas) they are further from the sun.
- 3. A black hole is a region of space (where/whenever) the gravitational pull is so strong that nothing can escape.
- 4. Radio waves from distant regions of space could be studied (while/after) the radio telescope was invented.
- 5. Telescopes see distant objects more clearly (whereas/because) radio telescopes collect radio waves.
- 6. Astronomers did not know about quasars (before/so-that) radio telescopes were invented.

Task 7.3.2

Underline the adverb clauses in the following sentences.

- 1. Although millions of meteors hit the earth's atmosphere, few of them are noticed.
- 2. A meteor lives a bright tail as it streaks across the night sky.
- 3. Many meteorite falls are not noticed because they hit the earth in remote uninhabited areas.
- 4. The rate of the sun's radiation is so great that about 3 million tons of matter is converted into energy every second.

- 5. In ancient times, farmers planted crops when they saw a planet in the right part of the sky.
- 6. Even though a planet moves among the stars, it returns to the same part of the sky at the same time each year.

REDUCED ADVERB CLAUSES

Adverb clauses may be reduced to modifying phrases in the same way as adjective clauses are reduced to modifying phrases. A reduced adverb clause or modifying phrase does not contain a subject or a verb. It consists of a participle (present or past participle) or an adjective and clause marker (although, when, or while).

| Adverb Clause | Full | After the space probes landed on Mars, they sent |
|------------------|---------|---|
| | | back pictures. |
| Modifying Phrase | Reduced | After landing on Mars, the space probes sent back |
| | | pictures. |

| Adverb Clause | Full | Although the moon rocks were expensive to obtain, | | | | |
|------------------|---------|---|--|--|--|--|
| | | they provided valuable information. | | | | |
| Modifying Phrase | Reduced | Although expensive to obtain, the moon rocks | | | | |
| | | provided valuable information. | | | | |

| Adverb Clause | Full | After the space probe landed on Venus, it mapped the |
|------------------|---------|--|
| | | surface. |
| Modifying Phrase | Reduced | After landing on Venus, it mapped the surface. |

| Adverb Clause | Full | After the space probe sent pictures, astronomers |
|------------------|---------|--|
| | | examined them. |
| Modifying Phrase | Reduced | not possible |

| Cause/effect | Many of the planets are cratered because of meteor | | | | | | |
|--------------|--|--|--|--|--|--|--|
| | bombardment. | | | | | | |
| Concession | In spite of the damage to the spacecraft, the astronauts got | | | | | | |
| | back to Earth safely. | | | | | | |
| Condition | In case of contamination, special suits were worn. | | | | | | |
| Time | Radio receivers were used during the second world war. | | | | | | |

Task 7.3.3

The following sentences contain Adverb clauses, reduced adverb clauses, and prepositional expressions. Circle the letter of the best answer that completes the sentence.

- the Ancient Chinese and Egyptians took astronomy seriously; the Greeks were the first to study the stars scientifically.
 - (A) Although (C) For
 - (B) Despite (D) Nevertheless
- 2. _____ the development of radio telescopes, distant regions of the Universe can be observed.
 - (A) The reason (C) Because
 - (B) Because of (D) It is because
- 3. Supernovas are caused ______ a star dies.
 - (A) as when (B) that (C) when (D) it is
- In 1987 a Canadian astronomer, Ian Shelton, spotted a supernova ______ looking at some photographs of the stars.

(A) was (B) during (C) as if (D) while he was

TES FORMATIF 3

From the four words or phrases (A), (B), (*C*), or (D), choose the one that-best completes the sentence.

| 1. | Plexiglas is used i | n aircraft - | windows | is almost u | nbreakable. | |
|------------------------------------|---|---|--|--------------------------------------|--------------------|--|
| | (A) it | (C) | because | | | |
| | (B) because it | (D) | it because | | | |
| 2. | American Indians | grew pop | corn for a few | thousand years | arrival of | |
| | European explore | s in the 14 | 00s. | | | |
| | (A) before | | (C) | since | | |
| | (B) before the | | (D) | since they | | |
| | The body uses pre- | oteins for | energy | _ and fats canno | ot meet its energy | |
| | needs. | | | | | |
| | (A) that carbohy | drates | (C) | when they are c | arbohydrates | |
| | (B) when carboh | ydrates | (D) | hat when carbo | hydrates | |
| 4. | Spider moneys are | e the best o | climbers I the j | ungle,they | do not thumbs. | |
| | (A) neverthele | SS | (C) | despite | | |
| | (B) for | | (D) | although | | |
| 5. | Stars are hot bodie | es that give | e out light of t | neir own, J | planets shine only | |
| | by reflecting light | | | | | |
| | (A) however the | nere are | (C) | whereas | | |
| | (B) since | | (D) | while they | | |
| 6. | A silkworm has | | t secrete a liq | uid that harden | s into silk | |
| | comes into contac | t with air. | | | | |
| | | (B) | when (C) | 41 4 | (D) it | |
| | (A) as it | | | that | | |
| 7. | Stars are hot bodi | es that give | | | | |
| 7. | Stars are hot bodie by reflecting light | es that give | | neir own, J | | |
| 7. | Stars are hot bodie by reflecting light (A) however th | es that give | e out light of the contract (C) | neir own, J whereas | | |
| | Stars are hot bodie by reflecting light (A) however th (B) since | es that give | e out light of the (C) (D) | neir own, J whereas while they | planets shine only | |
| 7. 8. | Stars are hot bodie by reflecting light (A) however th (B) since body's activ | es that give here are ities put s | e out light of the (C) (D) estrains on certa | neir own, J whereas while they | planets shine only | |
| | Stars are hot bodie by reflecting light (A) however th (B) since | es that give here are ities put s | e out light of the (C) (D) estrains on certa | neir own, J whereas while they | planets shine only | |

| 9. | Herman Melville is now regarded as one of America's finest writers, | | | | | | | | | |
|-----|---|------------|---------|-----------|---------|-----------|----------|----------|----------|------------|
| | his greatest works mystified readers in his own lifetime. | | | | | | | | | |
| | (A) | It is des | pite | | | (C) | Event | hough | | |
| | (B) | Despite | | | | (D) | In spit | e of | | |
| 10. | | laser l | beam o | an be n | noved e | asily in | all dire | ections, | it can b | e used for |
| | highly | y accurate | cuttin | g in inc | lustry. | | | | | |
| | (A) | Because | e of | (B) | It is a | (C) | А | (D) | As a | |
| 11. | Limes | stone pow | der is | added t | o anima | al feed _ | a | nimals | form go | od strong |
| | bones | | | | | | | | | |
| | (A) | why | (B) | so that | t | (C) | as a re | sult of | (D) | it is that |
| 12. | | _sodium c | chlorid | e (salt) | is not | used by | sea-liv | ving org | ganisms | ; it forms |
| | the dominant mineral in seawater. | | | | | | | | | |
| | (A) | Since | (B) | It is sim | nce | (C) | Althou | ıgh | (D) | |
| | | Althoug | gh it | | | | | | | |
| | | | | | | | | | | |

BALIKAN DAN TINDAK LANJUT

Cocokkanlah hasil jawaban Anda dengan kunci jawaban Kegiatan Belajar 3 yang ada pada bagian belakang BBM ini. Hitunglah jawaban Anda yang benar, kemudian gunakan rumus di bawah ini untuk mengetahui tingkat penguasaan Anda terhadap materi Kegiatan Belajar 3.

Rumus:

Tingkat penguasaan = $\frac{\text{Jumlah jawaban Anda yang benar}}{10} \times 100\%$

Arti tingkat penguasaan yang Anda capai:

90 - 100% = baik sekali 80 - 89% = baik 70 - 79% = cukup

$$< 70\% = kurang$$

Apabila Anda mencapai tingkat penguasaan lebih dari 80% atau lebih, **Selamat dan Sukses!** Anda dapat meneruskan dengan BBM 8 selanjutnya. Akan tetapi, apabila tingkat penguasaan Anda masih di bawah 80%, Anda harus mengulangi Kegiatan Belajar 3, terutama bagian yang belum Anda kuasai.

Reflection

After studying and participating in this Self Learning Materials 7, I have knowledge and understanding related to:

| 1 | | | | | |
|---|-------|---|--------|------------|---|
| 2 | | | | | |
| | | | | | |
| 3 | ••••• | •••••• | | | |
| 4 | | | | | |
| 5 | | | | | |
| J | | • | •••••• | •••••• | • |

PANSWER KEYS

Task 7.1.1

| 1. A | 2. B | 3. C | 4. D | 5. B | 6. A |
|------|------|------|-------|-------|-------|
| 7. C | 8. C | 9. B | 10. B | 11. B | 12. C |

TES FORMATIF 1

- 1. Successful
- 2. Interested
- 3. Weekly
- 4. Safely
- 5. Smokeless
- 6. good

Task 7.2.1

Task 7.2.2

| 1. | which | 1. | which |
|----|-------|----|-------|
| 2. | whose | 2. | which |
| 3. | who | 3. | which |
| 4. | which | 4. | which |
| 5. | which | 5. | which |
| 6. | which | | who |

Task 7.2.3

Underline the adjective clause in the following sentences

- 1. Sacagawea, <u>who was a Shoshoni Indian</u>, guided Lewis and Clark to the Columbia River.
- 2. The giant redwood trees <u>that grow in California</u> are named after Sequoyah, who created an alphabet for the Indian people.
- Sequoyah became a teacher and moved to Oklahoma where he continued to teach the alphabet.
- The Shoshoni were a group of Indians <u>who lived in the western plains</u> of Wyoming, Utah, Nevada, and Idaho.
- 5. Each group of Shoshoni was known to the others by the type of food <u>that</u> was plentiful in its particular region.
- 6. The Mossi people of West Africa use talking drums as a means of preserving their history, which has been handed down by generations.

Task 7.2.4

2, 3, 5, 6

Task 7.2.5

- 1. Sequoyah, the son of an Indian mother and a European father, was born in Tennessee.
- 2. Sequoyah, first a hunter, became a trader after a hunting accident.
- 3. Correct
- 4. Correct
- 5. His alphabet consisting of eighty-five sounds was an important invention for his people.
- 6. Correct
- 7. Correct

TES FORMATIF 2

| 1. A | 2. B | 3. C | 4. D | 5. A | 6. B |
|------|------|------|-------|-------|-------|
| 7. C | 8. D | 9. B | 10. A | 11. C | 12. D |

Task 7.3.1

- 1. because
- 2. as
- 3. where
- 4. after
- 5. whereas
- 6. before

Task 7.3.2

Underline the adverb clauses in the following sentences.

- 1. <u>Although millions of meteors hit the earth's atmosphere</u>, few of them are noticed.
- 2. A meteor lives a bright tail <u>as it streaks across the night sky</u>.
- 3. Many meteorite falls are not noticed <u>because they hit the earth</u> in remote <u>uninhabited areas</u>.
- 4. The rate of the sun's radiation is so great <u>that about 3 million tons of</u> <u>matter is converted into energy every second</u>.
- 5. In ancient times, farmers planted crops <u>when they saw a planet</u> in the right <u>part of the sky</u>.
- 6. <u>Even though a planet moves among the stars</u>, it returns to the same part of the sky at the same time each year.

Task 7.3.3

1. A 2. B 3. C 4. D

TES FORMATIF 3

| 1. B | 2. B | 3. B | 4. D | 5. C | 6. B |
|------|------|------|-------|--------------|-------|
| 7. B | 8. D | 9. C | 10. D | 11. B | 12. A |

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