

แนวตอบและเฉลย

เฉลยการประเมินผลก่อนเรียน

1. 2	2. 2	3. 1	4. 1	5. 4
6. 3	7. 2	8. 4	9. 3	10. 3
11. 4	12. 3	13. 1	14. 4	15. 1
16. 3	17. 1	18. 4	19. 2	20. 3
21. 3	22. 4	23. 1	24. 3	25. 2
26. 4	27. 2	28. 3	29. 1	30. 2
31. 1	32. 2	33. 1	34. 2	35. 1
36. 1	37. 1	38. 2	39. 2	40. 1
41. 3	42. 2	43. 4	44. 4	45. 1
46. 3	47. 2	48. 2	49. 3	50. 1

แนวตอบและเฉลยตอนที่ 1 และตอนที่ 2

ตอนที่ 1

บทที่ 1

กิจกรรมการเรียนรู้ที่ 1

- | | | | | |
|-------|------|------|------|-------|
| 1. ✗ | 2. ✗ | 3. ✓ | 4. ✗ | 5. ✓ |
| 6. ✗ | 7. ✗ | 8. ✗ | 9. ✓ | 10. ✓ |
| 11. ✓ | | | | |

กิจกรรมการเรียนรู้ที่ 2

- | | | | | |
|------|------|------|------|------|
| 1. ✓ | 2. ✗ | 3. ✓ | 4. ✗ | 5. ✗ |
| 6. ✓ | 7. ✓ | 8. ✓ | | |

กิจกรรมการเรียนรู้ที่ 3

1. Second- and third-class passengers did not have an equal chance for survival on the Titanic.
2. Collision with an iceberg.
3. Two hours.
4. More than 1,600 passengers.

กิจกรรมการเรียนรู้ที่ 4

1. There are many factors that influence what is considered to be funny.
2. Culture, age, and occupation.

3. The Middle Ages.
4. Humor can offend as well as entertain.
5. Negatively

กิจกรรมการเรียนที่ 5

1. Teenage motherhood.
2. They drop out, have no job, and depend on the government subsidies.
3. How dropping out affects the likelihood of a girl becoming pregnant, how pregnancy affects the probability of dropping out, and the relationship between education aspirations and pregnancy rates.

กิจกรรมการเรียนที่ 6

1. Potluck dinner.
2. Ritual food-sharing.
3. They are having potluck.
4. During the winter season, during the holiday season, on important occasion.

กิจกรรมการเรียนที่ 7

1. No-smoking policy
2. Yes.
Five.
 1. All employees will be able to breathe fresh air.
 2. Potential clients or employees will stay with us.
 3. It is easier for smokers to quit cigarettes.
 4. Employees will be more productive.
 5. It will save every employee money.
3. Furthermore, In addition, Also, Finally.

การประเมินผลท้ายบท

- A. 1. To discuss what spring and fall have in common
2. The season when trees go from leafless to bright and green
 3. The season when trees go from bright green to leafless
 4. 3
 5. Changes of seasons are like changes of life cycle
- B. 1. A noncontagious disease of the lungs
2. He or she breathes rapidly and gasps for air.
 3. Many people get it.
 4. Repeated attacks of forced breathing
 5. They should avoid it.
 6. Allergies
 7. It can hinder the normal development of children.
 8. Asthma has several causes, and readers should understand them.
- C. 1. A tongue cancer
2. Smoking
 3. Having cobalt radiation, iridium implants, and surgeries
 4. He has no sense of smell, no tongue.
 5. To warn people about smoking
- D. 1. People who drink too much and too long can have a bad health.
2. It interferes with the proper digestion and absorption of food.

3. A person who drinks to excess must show caution in taking drugs.
4. Excessive drinking can cause sudden death.
5. A long-term drinker

บทที่ 2

กิจกรรมการเรียนรู้ที่ 1

1. His apartment was robbed.
2. Sometime while Mr.Blank was at work on Tuesday, August 30.
3. 131 West Elm Street.
4. He fainted.
5. Mr.Blank's neighbor.
6. Some old Home Decorator magazines and a can of pork and beans.

กิจกรรมการเรียนรู้ที่ 2

1. Three
2. World War II
3. 1960s
4. Florida
5. \$5 per day

กิจกรรมการเรียนรู้ที่ 3

1. At 6.05 a.m.
2. At 6.38 p.m.
3. 26.8 C°
4. 32 C°
5. Songkla
6. Chiangmai

7. Cloudy
8. Geneva
9. Amsterdam, London, and Paris
10. Pattaya, Koh Samui, and Phuket

การประเมินผลท้ายบท

A. 1. Industry and frugality

2. The way to wealth depends mainly on industry and frugality.
3. The way to market

B. 1. The AES 3/30

2. More than 3,000 pounds
3. About \$ 5,000
4. A manager for American Express Company
5. A chairman of AES Technology Systems, Inc.
6. "It is our belief that we're filling a great need."
7. 150,000 letters
8. \$ 5 per hour
9. 30 workers
10. Bank, credit-card companies, and utilities companies

C. 1. 33

2. Brazil
3. A cape
4. David F. Robinson
5. 19

D. 1. 391-0605 or 391-4725

2. B 40,000
3. Ratchadaphisek Rd.
4. Sunshine Court
5. Mind Mansion

บทที่ 3

กิจกรรมการเรียนรู้ที่ 1

- | | |
|------------------|-------------------------------------|
| 1. 1. Americans | 2. 1. a theory of evolution |
| 2. children | 2. an individual's |
| 3. landlords' | 3. Lamarck's |
| 4. landlords | 4. a theory of evolution |
| 5. young couples | 5. present-day giraffes |
| 6. couples | 6. present-day giraffes' |
| 7. some couples | 7. present-day giraffes' ancestors' |
| | 8. an offspring's |

กิจกรรมการเรียนรู้ที่ 2

1. 1. The best jobs
 2. construction workers
 3. a major metropolitan daily
 4. lifeguard
 5. the worst jobs
 6. setting pins in a bowling alley
 7. selling shoes

2. 1. the Semioles
 2. the fiery Indian leader
 3. tribe's autonomy
 4. Osceola's words: "These, this is the only treaty I will make with the Whites!"

5. Osceola
6. in prison
7. the Seminoles
8. Osceola

การประเมินผลท้ายบท

1. 1. the Spanish colonies'
 2. "For all their wealth the Spanish colonies never became unified."
 3. the great distances
 4. the wide gulf between the handful of rich people and the vast mass of poor people
 5. the divisions

2. 1. a half-century ago
 2. antibiotics
 3. antibiotics
 4. antibiotics'
 5. antibiotics
 6. antibiotics

3. 1. many people
 2. a clear night sky
 3. stars
 4. a white cloudlike band
 5. the Milky Way's
 6. the Milky Way
 7. the Milky Way's
 8. Galileo
 9. the Milky Way
 10. stars

4. 1. a community's
 2. spit
 3. materials

4. materials perhaps harmful
5. the brine

บทที่ 4

กิจกรรมการเรียนรู้ที่ 1

1. b 2. a 3. c 4. c 5. d

กิจกรรมการเรียนรู้ที่ 2

1. Topic sentence(s): 5
2. Topic sentence(s): 3
3. Topic sentence(s): 1
4. Topic sentence(s): 1 + 2

Main idea: If you wish to do well on your final, you should review not only before the examination but at stated intervals during the semester.

5. Topic sentence(s): 1

กิจกรรมการเรียนรู้ที่ 3

1. b 2. d 3. b 4. b 5. c

กิจกรรมการเรียนรู้ที่ 4

1. Movies have had a terrible effect on my son's behavior.
2. To have a healthy body, a pregnant woman must take special precautions or care.
3. Color has many uses and serves important functions in a variety of situation.
4. Television serves many different functions, depending on the need and interests of those involved.

5. We Americans are destroying our oxygen.

การประเมินผลทำยบท

1. Topic sentence(s): 1

2. Topic sentence(s): 2

3. Topic sentence(s): 1

4. Implied main idea: Brotherly and motherly loves are universal love while erotic love is exclusive love.

5. Topic sentence(s): 2

1. Implied main idea: Despite claims by the Pentagon that herbicides do

not hurt people, the scientists found evidence that they do.

บทที่ 5

กิจกรรมการเรียนรู้ที่ 1

- | | | | | | |
|-------------|--------|--------|-------|--------|--------|
| I. 1. no | 2. yes | 3. yes | 4. no | 5. no | 6. yes |
| II. 1. yes | 2. no | 3. yes | 4. no | 5. yes | 6. yes |
| III. 1. yes | 2. yes | 3. no | 4. no | 5. no | 6. yes |

กิจกรรมการเรียนรู้ที่ 2

- | | | |
|-----------|------|------|
| I. 1. b | 2. a | 3. d |
| II. 1. c | 2. e | 3. b |
| III. 1. a | 2. e | 3. e |

การประเมินผลทำยบท

- | | | | |
|------|------|------|------|
| 1. d | 2. d | 3. a | 4. b |
| 5. b | 6. a | 7. b | |

ตอนที่ 2

Passage 1

Pre-reading

1. It is uniform throughout the human race.
2. It is species specific.
3. The progress is remarkable for its comparative speed and perfection.

- A. 1. T 2. F 3. T 4. F 5. F
 6. T 7. F 8. F 9. F
- B. 1. c 2. a 3. c 4. d 5. b

Passage 2

Pre-reading

1. Television circuits, two-way telephone circuits, two-way TV channels, two-way conference, data and telex-telephone service
2. A stationary satellite and succession of satellites in low elliptical orbits
3. INTELSAT
4. INTELSAT
5. When they are community interests, especially in communication.

- A. 1. b 2. c 3. c' 4. a 5. b
- B. 1. T 2. F 3. F 4. F 5. F

6. F 7. F 8. T 9. F 10. F

Passage 3

- A. 1. T 2. F 3. F 4. T 5. T
 6. T 7. T 8. F 9. T 10. T
 11. F 12. T 13. T 14. T 15. F

- B. 1. ✗ 2. ✓ 3. ✓ 4. ✗ 5. ✓

Passage 4

- A 1. South Vietnam fell because of the American withdrawal of support.
2. They felt betrayed by their good friend.
3. Its wrong policies weakened the war against Communists.
4. They negotiated with the Communists.
5. They withdrew their support which made Vietnam collapsed.

- B. 1. introduction
2. 3
3. conclusion
4. 1
5. persuade

Passage 5

Pre-reading

Open answer. Sound reasons to support the idea are important.

Suggested Answers:

1. To relieve boredom/to gain excitement and learn about the world outside the home.
2. Imitation, stimulation, increasing tolerance towards violence.
3. Families often watch television together for long periods but they don't talk.
4. Crime serial/realistic crime stories.
5. Because they mix humour with violence.
6. Fantasy may help build self-confidence in a world without adult control and repression, a world where forbidden things are allowed.
7. Because television has a similar authority to their parents and the value of fantasy is that it is against the world of authority.
8. That which does not show the unpleasant aspects of violence—pain, consequent suffering, etc.
9. Rewarded or legalised violence.

Passage 6

- A. 1. b 2. a 3. d 4. b 5. c
 6. d 7. a 8. c 9. d 10. b
 11. b 12. a 13. d 14. c 15. c

- B. 1. F 2. F 3. T 4. T 5. F
 6. F 7. F 8. F 9. T 10. T

Passage 7

Pre-reading

Open answer. Sound reasons to support the idea are important.

Suggested Answers:

1. Because this suggests that countries desperately want economic progress but are incapable of achieving this without hand-outs.
2. It depends on people's abilities, motivations and social and political institutions.
3. Everyone is the victim of a kind of confidence trick, which plays on unfounded but widespread feelings of guilt.
4. Only those governments which carry out the functions of government adequately should be given.
5. Any three of the following
 - a) Maintenance of law and order
 - b) Management of external affairs
 - c) Management of monetary affairs
 - d) Education and health
 - e) Agriculture
 - f) Communications
 - g) Setting up or maintaining social institutions
6. Those which plainly hold back the material progress of their countries, e.g. by restricting the activities of economically-successful minority groups.
7. The improvement of material conditions.

Passage 8

Suggested Answer:

Paragraphs 1-3: 1, 3, 2

1. F 2. T 3. F 4. b

Paragraphs 4-7: 7, 6, 4, 5

1. F 2. T 3. F 4. T 5. c
6. c

Paragraphs 8-12: 11, 9, 12, 10, 8

1. F 2. T 3. b 4. b 5. b

Paragraphs 13-14: 14, 13

1. F 2. T 3. a 4. d

Passage 9

- A. 1. Lecture classes do not benefit students but they are still preferred.
2. They are considered economical.
3. 1. Lecture classes need listening skill which students lack.
2. Lecture classes are passive.
3. Students have no opportunity to discuss which will help develop their analytical skills.
4. Lecture classes produce no students' feedback which will develop professors intellectually.
5. Professor cannot do his job better because there is no interchange which helps him know who knows what before the exams.
4. Because professor does not call attendance.

5. Discussion classes.
6. Students should learn to listen before listen to learn.

B. Looking at the last paragraph of the text

Passage 10

Pre-reading

1. the Worcester Foundation for Experimental Biology
2. Electroencephalogram
3. a drug that blocks the formation of serotonin
4. a substance in the brain that researchers believe play a part in controlling the mind and the emotions
5. 15
6. the chemical substance from which the body derives serotonin

1. b 2. a 3. b 4. c 5. a 6. b
7. c 8. A: 2/ B: 4 9. a 10. b

Passage 11

Pre-reading

1. a 2. c 3. a
1. c 2. c 3. d 4. a 5. c

Passage 12

- A. 1. a 2. c 3. b 4. a

B. 1. Carbon dioxide plays a role in determining the temperature of the Earth

(because it acts somewhat like the glass in a greenhouse in that it readily allow incoming visible light from the Sun.)

2. Fossil fuels are the fuels which are formed from the decayed remains of prehistoric animals or plants, and the author defines them as oil, coal, and natural gas.
3. Carbon dioxide released from fossil fuel burning into the atmosphere causes the atmosphere retain more heat because of the greenhouse effect.

Passage 13

A. 1. a) psycholinguists

b) behaviorists

2. A 3. B 4. B 5. c

B. 1. ✗ 2. ✓ 3. ✓ 4. ✓

5. ✗ 6. ✗ 7. ✓ 8. ✓

9. ✓ 10. ✗

Passage 14

A. 1. a 2. c 3. a 4. d 5. c

6. a 7. a 8. b 9. b 10. a

11. d 12. c 13. a 14. d 15. c

B. 1. T 2. T 3. T 4. F 5. T

6. T

7. T

8. T

9. F

10. F

Passage 15

A. 1. B

2. c

3. B

4. A

5. A

B 1. capabilities

2. Authenticity

3. uniqueness

4. interdependence.

5. wholeness.

C. Looking at the text, paragraph 2

D. Open answers

Passage 16

1. b

2. b

3. c

4. b

5. d

6. c

7. d

8. b

9. b

10. c

Passage 17

Pre-reading

1. polar explorer and flier

2. director of the main Geophysical Observatory in Leningrad

3. the University of Miami

4. *Naval Research Reviews*

5. 10 to 15

1. a

2. c

3. a

4. c

5. c

6. a

7. c 8. b

Passage 18

1. c 2. D 3. D 4. B 5. B
6. F 7. F 8. T 9. F 10. F

Passage 19

A. 1.C 2. A 3. A 4. A 5. B

- B. 1. they understood its importance and they were intimately connected to the
2 earth's natural process.
2. we hardly feel connected to nature.
3. they do not recognize the importance of other species.
4. interdependent.
5. food
6. we realize our connection to nature

Passage 20

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

Passage 21

Pre-reading

1. In 1583
2. Formulated the legal basis in the doctrine of *mare liberum*

3. A conference on the Law of the Sea
4. 22

1. The doctrine of *mare liberum* (free use of the ocean)
2. Uncertainties about the legal status of minerals deposits in the ocean and national interest in these resources cause the doctrine of *mare liberum* to be challenged.
3. The UN Conference on the Law of the Sea
4. The Exclusive Economic Zone
5. Increase of ocean areas under national jurisdictions

Passage 22

Suggested answers:

1. 'An experimental school' is one where something new is being tried. 'A demonstration school' is a successful experimental school, that is, one where the experiment has worked.
2. The italics indicate emphasis. Neill is anticipating a query about the existence of a timetable.
3. It does not have one. The staff do not consider that teaching itself is very significant.
4. Student motivation is of prime importance.
5. To waste and idle away the time.
6. It is a meeting of everyone at the school, staff and students, to discuss school rules and day-to-day incidents. Each member has one vote.
7. They dislike them intensely.

8. The fact that they are motivated to sit them again.
9. Fights involve physical aggression, quarrels are differences of opinion involving verbal disagreements.
10. Oppressed, kept in a position of inferiority.
11. Children at Summerhill are approved of and are free to express themselves.
He supports his claim with the fact that there are rarely physical fights or cases of homesickness, or children found crying. There are no cases of truancy.
12. There is no discipline imposed by the staff. Attendance at lessons is voluntary. The staff do not encourage the taking of public exams.

Passage 23

- A. 1. One is the mechanization of the logging industry, and the other is the world's hunger for forest products.
2. In Brazil.
Around 1900.
 3. They support the abundance of plant and animal life.
 4. It causes a worldwide temperature higher.
 5. It is a place where trees cannot be cut.
 6. They need land for growing food and trees for fuel.
- B. 1. governments and individuals believe only the countries using up their forests will be affected.
2. 1. the mechanization of the logging industry
 2. the world's hunger for forest products

3. tropical areas
4. tropical forests have to be preserved
5. the soil fertility and the abundance of plant and animal life
6. Three
7. they are still being destroyed
8. reforestation
9. forest reserves establishment
10. human poverty

Passage 24

- | | | | | |
|------|------|------|------|-------|
| 1. B | 2. c | 3. D | 4. A | 5. A |
| 6. F | 7. F | 8. T | 9. T | 10. F |

Passage 25

- | | | | | |
|------|------|------|------|------|
| 1. b | 2. a | 3. d | 4. b | 5. c |
|------|------|------|------|------|

Passage 26

- | | | | | |
|------|------|------|------|-------|
| 1. A | 2. c | 3. D | 4. D | 5. C |
| 6. T | 7. T | 8. T | 9. F | 10. T |

Passage 27

- | | | | | | |
|----|------|------|------|------|------|
| A. | 1. T | 2. F | 3. T | 4. T | 5. F |
| | 6. F | 7. F | 8. T | | |
| B. | 1. I | 2. 0 | 3. F | 4. F | 5. 0 |

Passage 28

Pre-reading

1. Sensorimotor stage
2. Preoperational stage
3. Stage of concrete operations
4. Stage of formal operations

1. No. Teaching and experience can speed up or slow down development, but the basic order of development will not be changed.
2. During the sensorimotor stage, infants discover the relationships between sensation and motor behaviour.
3. Egocentrism (a characteristic of the preoperational stage) means that a child of four or five considers his or her own point of view to be the only one possible.
4. Between the ages 6-8, children learn that the quantity of something doesn't change just because its shape does.
5. During the formal operations stage (11+), children acquire a greater ability to deal with abstraction, and acquire the capacity for adult thinking.

Passage 29

- | | | | | |
|------|------|------|------|-------|
| 1. B | 2. D | 3. B | 4. D | 5. c |
| 6. T | 7. T | 8. F | 9. F | 10. T |

Passage 30

- | | | | | |
|------|------|------|------|------|
| 1. d | 2. c | 3. a | 4. c | 5. b |
|------|------|------|------|------|

6. d

7. b

8. c

9. a

10. d

Passage 31

Pre-reading

1. 3

2. 4

3. 2

1. 2

2. 3

3. 4

4. 1

5. 4

6. 1

7. 2

8. 3

9. 1

10. 2

11. 3

Passage 32

Pre-reading

1. 4

2. 2

3. 1

1. 1

2. 2

3. 4

4. 3

5. 3

6. 2

7. 2

8. 4

9. 1

10. 1

11. 3

Passage 33

Pre-reading

1. 1

2. 1

3. 3

4. 2

1. 3

2. 2

3. 1

4. 1

5. 4

6. 4

7. 2

8. 4

9. 3

10. 3

11. 1

12. 2

13. 1

Passage 34

1. 2 2. 3 3. 1 4. 2 **5. 1** 6. 2
7. 3 8. 2

Passage 35

1. 1 2. 3 3. 1 4. 3 **5. 2** 6. 3
7. 4

Passage 36

1. 1 2. 2 3. 4 4. 2 **5. 1** **6. 4**
i. 2

เฉลยการประเมินผลหลังเรียน

1. 3	2. 4	3. 2	4. 3	5. 1
6. 2	7. 1	8. 2	9. 4	10. 4
11. 4	12. 3	13. 4	14. 4	15. 1
16. 2	17. 3	18. 4	19. 2	20. 1
21. 2	22. 1	23. 4	24. 1	25. 4
26. 2	27. 4	28. 1	29. 3	30. 4
31. 4	32. 1	33. 3	34. 1	35. 2
36. 1	37. 3	38. 2	39. 2	40. 3
41. 1	42. 1	43. 3	44. 4	45. 2
46. 1	47. 4	48. 4	49. 1	50. 3