TEST 8

SECTION 1

Time — 30 minutes

38 Ouestions

Directions: Each sentence below has one or two blanks, each blank indicating that something has been omitted. Beneath the sentence are five lettered words or sets of words. Choose the word or set of words for each blank that best fits the meaning of the sentence as a whole.

- 1. Even though formidable winters are the norm in the Dakotas, many people were unprepared for the ---- of the blizzard of 1888.
 - (A) inevitability (B) ferocity (C) importance (D) probability (E) mildness

- 2. As the first streamlined car, the Airflow represented a ----- in automotive development, and although its sales were -----, it had an immense influence on automobile design.
 - (A) milestone. .disappointing
 - (B) breakthrough..significant
 - (C) regression. unimportant
 - (D) misjudgment..calculable
 - (E) revolution..tolerable
- 3. While nurturing parents can compensate for adversity, cold or inconsistent parents may ---- it.
- (A) exacerbate (B) neutralize (C) eradicate
- (D) ameliorate (E) relieve
- 4. The architects of New York's early skyscrapers, hinting here at a twelfth-century cathedral, there at a fifteenth-century palace, sought to legitimize the city's social strivings by ----- a history the city did not truly ----.
 - (A) revealing. .deserve
 - (B) displaying. .desire
 - (C) evoking. .possess
 - (D) preserving..experience
 - (E) flouting. believe

- 5. Actual events in the history of life on Earth are accidental in that any outcome embodies just one ---- among millions; yet each outcome can be interpreted.
 - (A) coincidence. .randomly
 - (B) relationship predictably
 - (C) fact. .readily
 - (D) happening, uniquely
 - (E) possibility. .rationally
- 6. Although some of her fellow scientists ---- the unorthodox laboratory methodology that others found innovative, unanimous praise greeted her experimental results: at once pioneering and
 - (A) ignored..untrustworthy
 - (B) complimented. foreseeable
 - (C) welcomed..mundane
 - (D) decried. .unexceptionable
 - (E) attacked..inconclusive
- 7. Early critics of Emily Dickinson's poetry mistook for simplemindedness the surface of artlessness that in fact she constructed with such -----
 - (A) astonishment (B) vexation (C) allusion (D) innocence (E) cunning

<u>Directions</u>: In each of the following questions, a related pair of words or phrases is followed by five lettered pairs of words or phrases. Select the lettered pair that best expresses a relationship similar to that expressed in the original pair.

8. MICROSCOPE: SMALL::

- (A) telescope: distant
- (B) monocle: single
- (C) lens: refracted
- (D) camera: photographic
- (E) periscope: military

9. EXHIBITION: PAINTING::

- (A) concert : symphony
- (B) accompaniment: melody
- (C) audition: chorus
- (D) improvisation : solo
- (E) rehearsal: orchestra

10. STERILIZATION: MICROORGANISMS::

- (A) amnesty: deserters
- (B) defamation: enemies
- (C) inoculation: vaccine
- (D) deforestation: trees
- (E) assassination: murderers

11. RUFFLE: SHIRT::

- (A) rafter : roof
- (B) molding: cabinet
- (C) gate: path
- (D) curb: sidewalk
- (E) shade: window

12. EMIGRATE: EXILE::

- (A) select : organize
- (B) appoint : nominate
- (C) capture: imprison
- (D) enlist : conscript
- (E) contribute: deduct

13. BARRAGE: EXPLOSIVES::

- (A) cacophony: sounds
- (B) deluge: rain
- (C) vista: sights
- (D) grenade: bombs
- (E) volcano: lava

14. WARY: GULLED::

- (A) passionate: moved
- (B) taciturn: goaded
- (C) loquacious: befriended
- (D) vigilant: ambushed
- (E) shrill: satisfied

15. WILLFULNESS: HEADSTRONG::

- (A) glibness: astute
- (B) determination: attentive
- (C) elegance: grandiose
- (D) subservience: fawning
- (E) anxiety: pessimistic

16. UNTENABLE: DEFENDED::

- (A) valuable: insured
- (B) fordable: crossed
- (C) unjustifiable: forgiven
- (D) unpretentious: admired
- (E) invulnerable: injured

<u>Directions:</u> Each passage in this group is followed by questions based on its content. After reading a passage, choose the best answer to each question. Answer all questions following a passage on the basis of what is <u>stated</u> or <u>implied</u> in that passage.

Because of its accuracy in outlining the Earth's subsurface, the seismic-reflection method remains the most important tool in the search for petroleum reserves. In field practice, a subsurface is mapped by arranging a series of wave-train sources, such as small dynamite explosions, in a grid pattern. As each source is activated, it generates a wave train that moves downward at a speed determined uniquely by the rock's elastic characteristics. As rock interfaces are crossed, the elastic char-(10) acteristics encountered generally change abruptly, which causes part of the energy to be reflected back to the surface, where it is recorded by seismic instruments. The seismic records must be processed to correct for positional differences between the source and the receiver, (15) for unrelated wave trains, and for multiple reflections from the rock interfaces. Then the data acquired at each of the specific source locations are combined to generate a physical profile of the subsurface, which can eventually be used to select targets for drilling.

- 17. The passage is primarily concerned with
 - (A) describing an important technique
 - (B) discussing a new method
 - (C) investigating a controversial procedure
 - (D) announcing a significant discovery
 - (E) promoting a novel application
- 18. According to the passage, in the seismic-reflection method all of the following have a significant effect on the signal detected by the seismic instruments EXCEPT the
 - (A) presence of unrelated wave trains
 - (B) placement of the seismic instruments
 - (C) number of sources in the grid pattern
 - (D) nature of the reflectivity of the rock interfaces
 - (E) properties of rocks through which the wave train has traveled

- 19. It can be inferred from the passage that the seismicreflection method would be likely to yield an inaccurate physical profile of the subsurface in which of the following circumstances?
 - (A) If the speed at which the wave train moved downward changed
 - (B) If the receiver were not positioned directly at the wave-train source.
 - (C) If the rock on one side of a rock interface had similar elastic characteristics to those of the rock on the other side.
 - (D) If the seismic records obtained for the different sources in a grid were highly similar to each other
 - (E) If there were no petroleum deposits beneath the area defined by the grid of wave-train sources
- 20. Which of the following best describes the organization of the passage?
 - (A) A method is criticized, and an alternative is suggested.
 - (B) An illustration is examined, and some errors are exposed.
 - (C) An assertion is made, and a procedure is outlined.
 - (D) A series of examples is presented, and a conclusion is drawn.
 - (E) A hypothesis is advanced, and supporting evidence is supplied.

Modern archaeological finds can still contribute much to the study of ancient literature. For example, forty years ago a survey of the early Greek dramatist Aeschylus' plays would have started with *The Suppliant*

- (5) Women. Many factors internal to the play, but perhaps most especially the prominence of the chorus (which in this play has the main role), led scholars to consider it one of Aeschylus' earlier works. The consensus was that here was a drama truly reflecting an early stage in the
- (10) evolution of tragedy out of choral lyric. The play was dated as early as the 490's B.C., in any event, well before Aeschylus' play The Persians of 472 B.C. Then, in 1952, a fragment of papyrus found at Oxyrhynchus was published stating the official circumstances and results of a dramatic
- (15) contest. The fragment announced that Aeschylus won first prize with his Danaid tetralogy, of which *The Suppliant Women* is the opening play, and defeated Sophocles in the process. Sophocles did not compete in any dramatic contest before 468 B.C., when he won his first victory. Hence,
- (20) except by special pleading (e.g., that the tetralogy was composed early in Aeschylus' career but not produced until the 460's B.C.), the Danaid tetralogy must be put after 468 B.C. In addition, a few letters in the fragment suggest the name Archedemides, archon in 463 B.C., thus perhaps
- (25) tying the plays to that precise date, almost exactly halfway between Aeschylus' Seven Against Thebes of 467 B.C. and his Oresteia.
- The implication of the papyrus administered a severe shock to the vast majority of classical scholars, who had confidently asserted that not only the role of the chorus but also language, metrics, and characterization all pointed to an early date. The discovery has resulted in no less than a total reevaluation of every chronological criterion that has been applied to or derived from
- (35) Aeschylus' plays. The activity has been brisk, and a new creed has now spread. The prominence of the chorus in The Suppliant Women now is seen not as a sign of primitivism but as analogous to the massive choral songs of the Oresteia. Statistics have been formulated, or refor-
- (40) mulated, to show that stylistically *The Suppliant Women* does actually occupy a position after *The Persians* and *Seven Against Thebes*, which now become the "primitive" plays, and before the *Oresteia*. While the new doctrine seems almost certainly correct, the one papyrus
- (45) fragment raises the specter that another may be unearthed, showing, for instance, that it was a posthumous production of the Danaid tetralogy which bested Sophocles, and throwing the date once more into utter confusion. This is unlikely to happen, but it warns us
- (50) that perhaps the most salutary feature of the papyrus scrap is its message of the extreme difficulty of classifying and categorizing rigidly the development of a creative artist

- 21. The author of the passage focuses primarily on
 - (A) discussing a series of modern archaeological finds and their impact on the study of Greek literature
 - (B) recounting the effect of one archaeological find on modern ideas concerning a particular author's work
 - (C) giving a definitive and coherent account of the chronology of a particular author's work
 - (D) illustrating the many varieties of difficulties involved in establishing facts concerning ancient literature
 - (E) determining the exact value of archaeological finds in relation to the history of ancient literature
- 22. With respect to the study of ancient literature, which of the following statements best expresses the author's main point concerning modern archaeological finds?
 - (A) They can profoundly alter accepted views of ancient literary works, and can encourage flexibility in the way scholars look at the creative development of any artist.
 - (B) They can be severely shocking and can have a revivifying effect on the study of ancient literature, which has recently suffered from a lack of interest on the part of scholars.
 - (C) They can raise more questions than they answer and can be unreliable sources of information.
 - (D) They generally confirm scholars' ideas about ancient literary works and allow them to dispense with inferences drawn from the works' internal structure.
 - (E) They often undermine scholarly consensus in certain areas and create utter confusion concerning an author's work.

- 23. According to the passage, in the absence of definite knowledge concerning the dates of composition of ancient literary works, literary historians do which of the following when trying to establish the chronology of an author's work?
 - (A) Make assumptions about a single work's date of composition if such assumptions would not seriously affect interpretations of other works by the same author.
 - (B) Draw inferences concerning the date of a work's composition based on evidence internal to that work and on the author's other works.
 - (C) Ignore the date of a work's composition which is supplied by archaeological research when literary factors internal to the work contradict that date.
 - (D) Refrain from speculation concerning a work's date of composition unless archaeological finds produce information concerning it.
 - (E) Estimate the date of a work's composition without attempting to relate it to the author's development as an artist.
- 24. It can be inferred from the passage that which of the following plays or groups of plays is considered the latest in the date of its composition?
 - (A) The Persians
 (B) The Danaid tetralogy
 (C) The Oresteia
 (D) Seven Against Thebes
 (E) The Suppliant Women

- 25. With which of the following statements regarding the chronological criteria mentioned in lines 33-34 would the author be most likely to agree?
 - (A) Such criteria, whether applied to or derived from the plays, should only be used to confirm already existing knowledge.
 - (B) Such criteria, although derived from reliable external and internal evidence, should be changed continually to avoid rigidity in thinking.
 - (C) Such criteria, based on statistical analysis, are inherently more reliable than those of forty years ago.
 - (D) Such criteria, even when unsupported by external evidence, can resolve most questions.
 - (E) Such criteria, based on often ambiguous internal evidence, can lead to erroneous reconstructions of the chronology of an author's work.
- 26. The author's attitude toward the "activity" mentioned in line 35 and its consequences can best be described as one of
 - (A) amused tolerance (B) mocking envy (C) grave doubt (D) angry disapproval (E) unrestrained enthusiasm
- 27. The allusion to the hypothetical papyrus fragment in lines 45-49 does which of the following?
 - (A) Supports an argument concerning the date of The Suppliant Women.
 - (B) Refutes the views of the majority of scholars concerning the Oxyrhynchus papyrus find.
 - (C) Predicts the future results of archaeological research proposed in the passage.
 - (D) Undermines the validity of the currently accepted chronology of Aeschylus' works.
 - (E) Qualifies the author's agreement with the "new creed" developed since the Oxyrhynchus papyrus find.

Directions: Each question below consists of a word printed in capital letters, followed by five lettered words or phrases. Choose the lettered word or phrase that is most nearly opposite in meaning to the word in capital letters.

Since some of the questions require you to distinguish fine shades of meaning, be sure to consider all the choices before deciding which one is best.

- 28. SHALLOW: (A) arbitrary (B) painstaking (C) profound (D) restive (E) contrite
- IMMUNE: (A) toxic (B) virulent
 (C) convalescent (D) having little energy
 (E) having no resistance
- 30. PROPAGATE:
 - (A) hesitate to join
 - (B) hope to prosper
 - (C) decide to accept
 - (D) begin to falter
 - (E) fail to multiply
- 31. LULL:
 - (A) pronounced interest
 - (B) intense discussion
 - (C) speedy resolution
 - (D) increased activity
 - (E) enhanced performance

- 32. PERPETUAL: (A) antecedent (B) coincident (C) intermittent (D) precipitous (E) languorous
- 33. ACCOLADE: (A) guarded emotion
 (B) scarce resource (C) temporization
 (D) repercussion (E) criticism
- 34. GAMBOL: (A) admit (B) plod (C) ruin (D) follow (E) fret
- 35. REFUTATION: (A) approval (B) verification (C) amplification (D) concurrence (E) computation
- 36. REQUITE: (A) incite (B) applaud(C) consume quickly (D) make inhospitable(E) leave unrepaid
- 37. REVERE: (A) imitate (B) dismiss (C) confuse (D) profane (E) disgrace
- 38. MOLLIFY: (A) ire (B) commence (C) abate (D) oppose (E) infuse

SECTION 5

Time-30 minutes

38 Questions

Directions: Each sentence below has one or two blanks, each blank indicating that something has been omitted. Beneath the sentence are five lettered words or sets of words. Choose the word or set of words for each blank that best fits the meaning of the sentence as a whole.

- This project is the first step in a long-range plan of research whose ——— goal, still many years off, is the creation of a new prototype.
 - (A) cooperative (B) reasoned (C) original (D) ultimate (E) intentional
- Eric was frustrated because, although he was adept at making lies sound ———, when telling the truth, he ——— the power to make himself believed.
 - (A) plausible. lacked (B) convincing. held (C) honest. found (D) true. acquired
 - (E) logical..claimed
- In certain forms of discourse such as the parable, the central point of a message can be effectively communicated even though this point is not ———.
 - (A) preferred (B) explicit (C) inferable (D) discerned (E) illustrated
- Always circumspect, she was reluctant to make judgments, but once arriving at a conclusion, she was
 ——— in its defense.
 - (A) nonplussed (B) obsequious (C) intransigent (D) deferential
 - (E) negligent

- The techniques now available to livestock breeders will continue to be ——, but will probably be —— by new ones under development.
 - (A) fruitful. reversed
 - (B) refined..upgraded
 - (C) inconvenient. .reassessed
 - (D) used. .supplemented
 - (E) harmless. improved
- Any population increase beyond a certain level necessitates greater —— vegetable foods; thus, the ability of a society to choose meat over cereals always arises, in part, from —— the number of people.
 - (A) reliance on .. replenishing
 - (B) production of. estimating
 - (C) spending on. .concealing
 - (D) recourse to. .limiting
 - (E) attention to .. varying
- Ethologists are convinced that many animals survive through learning—but learning that is —— their genetic programming, learning as thoroughly — as the most instinctive of behavioral responses.
 - (A) superseded by ... primitive
 - (B) compatible with. .transient
 - (C) complementary to. .familiar
 - (D) derived from. .inventive
 - (E) dictated by .: stereotyped

Directions: In each of the following questions, a related pair of words or phrases is followed by five lettered pairs of words or phrases. Select the lettered pair that best expresses a relationship similar to that expressed in the original pair.

- 8. OSTRICH: BIRD::
 - (A) caterpillar: moth
 - (B) lizard: frog
 - (C) bud: leaf
 - (D) tiger : cat
 - (E) gust:storm
- 9. WARDROBE: CLOTHES::
 - (A) stove: crockery
 - (B) bookcase: books
 - (C) drawer: shelves
 - (D) pantry: medicine
 - (E) necklace : earrings
- 10. PRACTICING : EXPERTISE ::
 - (A) thinking: logic
 - (B) writing: clarity
 - (C) growing: health
 - (D) exercising: strength
 - (E) eating: nutrition
- 11. ARTERY: PLAQUE::
 - (A) river: levee
 - (B) track: switch
 - (C) channel: silt
 - (D) information: flow
 - (E) tunnel: wall
- 12. ANECDOTE: STORY::
 - (A) · film : theater
 - (B) chapter: novel
 - (C) lyric: song
 - (D) joke: parody
 - (E) skit: play

- 13. SUPPLANT: REPLACE::
 - (A) snatch: take
 - (B) beg: invite
 - (C) convict: accuse
 - (D) savor: gulp
 - (E) miss: lose
- 14. ALLERGY: REACTION::
 - (A) rash: body
 - (B) lancet: instrument
 - (C) antihistamine: symptom
 - (D) cocoon: skeleton
 - (E) poilen: flower
- 15. APHORISTIC : TERSE ::
 - (A) eloquent : ornate
 - (B) esoteric: important
 - (C) hyperbolic: exaggerated
 - (D) metaphorical: fantastic
 - (E) equivocal: straightforward
- 16. ZEALOUS: ENTHUSIASTIC::
 - (A) pedantic: educated
 - (B) flamboyant: stylish
 - (C) cautious: prudent
 - (D) pious : virtuous
 - (E) idolatrous: devoted

Directions: Each passage in this group is followed by questions based on its content. After reading a passage, choose the best answer to each question. Answer all questions following a passage on the basis of what is <u>stated</u> or <u>implied</u> in that passage.

Scholars often fail to see that music played an important role in the preservation of African culture in the United States. They correctly note that slavery stripped some cultural elements from Black people—their polit-

- Line
 (5) some cultural elements from Black people—their political and economic systems—but they underestimate the significance of music in sustaining other African cultural values. African music, unlike the music of some other cultures, was based on a total vision of life in which music was not an isolated social domain. In African (10) culture music was pervasive, serving not only seligion.
- but all phases of life, including birth, death, work, and play. The methods that a community devises to perpetuate itself come into being to preserve aspects of the cultural legacy that that community perceives as essentiations.
- (15) tial. Music, like art in general, was so inextricably a part of African culture that it became a crucial means of preserving the culture during and after the dislocations of slavery.
 - 17. The primary purpose of the passage is to
 - (A) analyze the impact that slavery had on African political and economic systems
 - (B) review the attempt of recent scholarship to study the influence of African music on other music
 - (C) correct the failure of some scholars to appreciate the significance of music in African
 - (D) survey the ways by which people attempt to preserve their culture against the effects of oppression
 - (E) compare the relative importance of music with that of other art forms in culture
 - 18. In line 9, the phrase "isolated social domain" refers to
 - (A) African music in relation to contemporary culture as a whole
 - (B) music as it may be perceived in non-African cultures
 - (C) a feature of African music that aided in transmitting African cultural values
 - (D) an aspect of the African cultural legacy
 - (E) the influence of music on contemporary culture

- 19. Which of the following statements concerning the function of African music can be inferred from the passage?
 - (A) It preserved cultural values because it was thoroughly integrated into the lives of the people.
 - (B) It was more important in the development of African religious life than in other areas of culture
 - (C) It was developed in response to the loss of political and economic systems.
 - (D) Its pervasiveness in African culture hindered its effectiveness in minimizing the impact of slavery.
 - (E) Its isolation from the economic domains of life enabled it to survive the destructive impact of slavery.
- 20. According to the author, scholars would err in drawing which of the following conclusions?
 - Slavery stripped the slaves of their political and economic systems.
 - II. African music was similar to all other traditions of music in that it originated in a total vision of life.
 - Music was a crucial part of the African cultural legacy.
 - (A) I only
 - (B) II only
 - (C) I and II only
 - (D) II and III only
 - (E) I, II, and III

Traditionally, pollination by wind has been viewed as a reproductive process marked by random events in which the vagaries of the wind are compensated for by the generation of vast quantities of pollen, so that the ultimate production of new seeds is assured at the expense of producing much more pollen than is actually used. Because the potential hazards pollen grains are subject to as they are transported over long distances are enormous, wind-pollinated plants have, in the view above, compensated for the ensuing loss of pollen through happenstance by virtue of producing an amount of pollen that is one to three orders of magnitude greater than the amount produced by species pollinated by insects.

However, a number of features that are characteristic (15) of wind-pollinated plants reduce pollen waste. For example, many wind-pollinated species fail to release pollen when wind speeds are low or when humid conditions prevail. Recent studies suggest another way in (20) which species compensate for the inefficiency of wind pollination. These studies suggest that species frequently take advantage of the physics of pollen motion by generating specific aerodynamic environments within the immediate vicinity of their female reproductive organs. (25) It is the morphology of these organs that dictates the pattern of airflow disturbances through which pollen must travel. The speed and direction of the airflow disturbances can combine with the physical properties of a species' pollen to produce a species-specific pattern (30) of pollen collision on the surfaces of female reproductive organs. Provided that these surfaces are strategically located, the consequences of this combination can significantly increase the pollen-capture efficiency of a female

reproductive organ. A critical question that remains to be answered is (35)whether the morphological attributes of the female reproductive organs of wind-pollinated species are evolutionary adaptations to wind pollination or are merely fortuitous. A complete resolution of the question is as (40) yet impossible since adaptation must be evaluated for each species within its own unique functional context. However, it must be said that, while evidence of such evolutionary adaptations does exist in some species, one must be careful about attributing morphology to adapta-(45) tion. For example, the spiral arrangement of scale-bract complexes on ovule-bearing pine cones, where the female reproductive organs of conifers are located, is important to the production of airflow patterns that spiral over the cone's surfaces, thereby passing airborne pollen from (50) one scale to the next. However, these patterns cannot be viewed as an adaptation to wind pollination because the spiral arrangement occurs in a number of non-windpollinated plant lineages and is regarded as a character-

pollinated plant lineages and is regarded as a characteristic of vascular plants, of which conifers are only one

(55) kind, as a whole. Therefore, the spiral arrangement is not likely to be the result of a direct adaptation to wind pollination.

- 21. The author of the passage is primarily concerned with discussing
 - (A) the current debate on whether the morphological attributes of wind-pollinated plants are evolutionary adaptations
 - (B) the kinds of airflow patterns that permit windpollinated plants to capture pollen most efficiently
 - (C) the ways in which the reproductive processes of wind-pollinated plants are controlled by random events
 - (D) a recently proposed explanation of a way in which wind-pollinated plants reduce pollen waste
 - (E) a specific morphological attribute that permits one species of wind-pollinated plant to capture pollen
- 22. The author suggests that explanations of wind pollination that emphasize the production of vast quantities of pollen to compensate for the randomness of the pollination process are
 - (A) debatable and misleading
 - (B) ingenious and convincing
 - (C) accurate but incomplete
 - (D) intriguing but controversial
 - (E) plausible but unverifiable
- 23. According to the passage, the "aerodynamic environments" mentioned in line 23, when they are produced, are primarily determined by the
 - (A) presence of insects near the plant
 - (B) physical properties of the plant's pollen
 - (C) shape of the plant's female reproductive organs
 - (D) amount of pollen generated by the plant
 - (E) number of seeds produced by the plant
- 24. According to the passage, true statements about the release of pollen by wind-pollinated plants include which of the following?
 - The release can be affected by certain environmental factors.
 - II. The amount of pollen released increases on a rainy day.
 - III. Pollen is sometimes not released by plants when there is little wind.
 - (A) II only
 - (B) III only
 - (C) I and II only
 - (D) I and III only
 - (E) I, II, and III

- 25. The passage suggests that the recent studies cited in lines 19-21 have <u>not</u> done which of the following?
 - (A) Made any distinctions between different species of wind-pollinated plants.
 - (B) Considered the physical properties of the pollen that is produced by wind-pollinated plants.
 - (C) Indicated the general range within which plantgenerated airflow disturbances are apt to occur.
 - (D) Included investigations of the physics of pollen motion and its relationship to the efficient capture of pollen by the female reproductive organs of wind-pollinated plants.
 - (E) Demonstrated that the morphological attributes of the female reproductive organs of windpollinated plants are usually evolutionary adaptations to wind pollination.
- 26. It can be inferred from the passage that the claim that the spiral arrangement of scale-bract complexes on an ovule-bearing pine cone is an adaptation to wind pollination would be more convincing if which of the following were true?
 - (A) Such an arrangement occurred only in wind-pollinated plants.
 - (B) Such an arrangement occurred in vascular plants as a whole.
 - (C) Such an arrangement could be shown to be beneficial to pollen release.
 - (D) The number of bracts could be shown to have increased over time.
 - (E) The airflow patterns over the cone's surfaces could be shown to be produced by such arrangements.

- 27. Which of the following, if known, is likely to have been the kind of evidence used to support the view described in the first paragraph?
 - (A) Wind speeds need not be very low for windpollinated plants to fail to release pollen.
 - (B) The female reproductive organs of plants often have a sticky surface that allows them to trap airborne pollen systematically.
 - (C) Grasses, as well as conifers, generate specific aerodynamic environments within the immediate vicinity of their reproductive organs.
 - (D) Rain showers often wash airborne pollen out of the air before it ever reaches an appropriate plant.
 - (E) The density and size of an airborne pollen grain are of equal importance in determining whether that grain will be captured by a plant.

<u>Directions:</u> Each question below consists of a word printed in capital letters, followed by five lettered words or phrases. Choose the lettered word or phrase that is most nearly <u>opposite</u> in meaning to the word in capital letters.

Since some of the questions require you to distinguish fine shades of meaning, be sure to consider all the choices before deciding which one is best.

- 28. IMPROMPTU: (A) carefully rehearsed
 (B) widely recognized (C) narrowly focused
 (D) purposely vague (E) unwittingly funny
- BALLOON: (A) regain completely
 (B) decrease slowly (C) respond rapidly
 (D) survey thoroughly (E) request humbly
- 30. AVID: (A) independent (B) inquisitive (C) forgetful (D) swift (E) indifferent
- 31. MOROSE: (A) fast-talking (B) quick-witted (C) lighthearted (D) casual (E) charming
- 32. ANOMALY:
 - (A) predicted occurrence
 - (B) temporary solution
 - (C) easy problem
 - (D) continuous process
 - (E) constant interference

- 33. NEOLOGISM: (A) syllogism (B) idealism (C) archaism (D) paternalism (E) ostracism
- 34. RAREFY: (A) condense (B) conceive (C) consign (D) conduct (E) confound
- 35. CAUSTIC: (A) nonflammable (B) anesthetic (C) antiseptic (D) convoluted (E) innocuous
- SOLVENT: (A) catalyst (B) detergent
 (C) reactant (D) lubricant (E) precipitant
- 37. ESTIMABLE: (A) recalcitrant (B) mendacious (C) infamous (D) obstinate (E) stingy
- 38. PRODIGALITY: (A) disinterest (B) guilt (C) passivity (D) penury (E) perfidy

FOR GENERAL TEST 8 ONLY

Answer Key and Percentages* of Examinees Answering Each Question Correctly

YERBAL ABILITY									
Se	ction 1		Section 5						
Number	Answer	P+	Number	Answer	P+				
1 2 3 4 5	BAACE	94 94 71 64 55	1 2 3 4 5	D A B C D	94 93 80 56 78				
6 7 8 9	DEAAD	43 53 90 79 69	6 7 8 9	DEDBO	40 15 93 84 90				
11 12 13 14 15	B D B D D	59 44 41 31 27	11 12 13 14 15	CEABC	61 58 53 38 29				
16 17 18 19 20	EACCC	27 92 53 34 84	16 17 18 19 20	E C B A B	19 86 49 88 54				
21 22 23 24 25	B A B C E	58 68 81 59 49	21 22 23 24 25	DCCDE	27 47 71 81 40				
26 27 28 29 30	A E C E E	34 23 87 84 60	26 27 28 29 30	A D A B E	58 32 92 93 82				
31 32 33 34 35	DCEBB	75 76 58 37 45	31 32 33 34 35	CACAE	68 64 57 33 40				
36 37 38	E D A	37 26 20	36 37 38	ECD	37 25 29				

QUANTITATIVE ABILITY									
Section 2			Section 6						
Answer	P+	Number	Answer	P+					
BCCAD	93 83 83 87 89	1 2 3 4 5	A B A B D	91 82 82 74 68					
A B D D B	78 77 74 56 60	6 7 8 9	A D A C D	77 70 61 46 47					
DACCA	68 38 47 27 20	11 12 13 14 15	ОСВОО	49 35 26 37 26					
EBADE	81 80 63 57 49	16 17 18 19 20	DDABB	93 81 80 75 70					
EDACB	92 71 71 55 37	21 22 23 24 25	D B B A E	70 56 66 56 34					
A CHHO	62 44 41 32 27	26 27 28 29 30	ОШОВШ	57 45 40 32 15					
i									
	Answer BCCAD ABDDB DACCA EBADE EDACB	## Ref	Name P + Number Number	Native P + Number Answer P + Number Answer R					

ANALYTICAL ABILITY								
Sec	Section 3 .			Section 7				
Number	Answer	P+	Numbe:	Answer	P+			
1 2 3 4 5	EBDDE CACDD	91 80 90 77 79	1 2 3 4 5	ECEAD	80 77 72 62 61			
6 7 8 9 10	CACDD	68 69 81 57 78	6 7 8 9	CBBAC	51 79 67 83 81			
11 12 13 14 15	A D B A E	61 64 77 70 62	11 12 13 14 15	#088#	86 82 64 46 50			
16 17 18 19 20		53 35 49 32 63	16 17 18 19 20	CADBD	49 44 52 55 28			
21 22 23 24 25	- E U B B B ·	46 31 44 59 41	21 - 22 23 24 25	E WOOO'.	25 18 63 73 59			

^{*}Estimated P+ for the group of examinees who took the GRE General Test in a recent three-year period.