Section I. At the below answers (A, B, C, D, and E). Please choose the most appropriate answer to fill the blank of each question.

1. _____ easy to distinguish between lizards and snakes.
   (A) Comparatively (B) That it is comparatively
   (C) It is comparatively (D) Although it is comparatively
   (E) none of the above

2. Journalists are writers _____ gathering and presenting news.
   (A) themselves and engage (B) being engaged they are
   (C) they are engaged in (D) who are engaged in (E) none of the above

3. The current economic crisis caught _____ by surprise.
   (A) almost everyone (B) the most everyone
   (C) most anyone (D) each one and everyone (E) none of the above

4. Pluto, the outermost planet of the solar system, _____ photographically in March 1930.
   (A) discovered (B) was discovered (C) by discovery (D) when discovered
   (E) none of the above

5. During the past year the _____ of automobile accidents in Taipei City has decreased.
   (A) degree (B) quantity (C) number (D) amount (E) none of the above

6. “Astronomy is _____ of stars and planets.” “Of course, it is.”
   (A) a science (B) science (C) the science (D) scientific (E) none of the above

7. The commissioner has promised to release the report _____.
   (A) by Monday at its latest (B) on Monday at the latest
   (C) before Monday at its latest (D) not later than Monday at the latest (E) none of the above

8. The international situation has been growing _____ difficult for the past few years.
   (A) simply (B) mainly (C) potentially (D) increasingly
   (E) none of the above
9. Florence is one of the most beautiful cities ______.
   (A) possessed by Europeans (B) all over Europe (C) around Europe (D) in all of Europe (E) none of the above

10. “Why is Mary unhappy?” “Everyone went to the dance _____ she.”
    (A) against (B) for (C) without (D) but (E) none of the above

11. Advertising is distinguished from other forms of communication ______
    the advertiser pays for the message to be delivered.
    (A) in that (B) which (C) whereas (D) because of (E) none of the above

12. Mr. Smith was young, enthusiastic, and ______
    (A) had interested in many activities (B) interesting in many activities
    (C) interest in many activities (D) interested in many activities (E) none of the above

13. Do you remember where ______ my watch?
    (A) had I put (B) had put I (C) I had put (D) put I (E) none of the above

14. “Wasn’t the issue settled?” “No, the two sides are still _____ conflict.”
    (A) in (B) during (C) on (D) with (E) none of the above

15. “When did the lecture begin?” “When all the students _____, the professor
    began his lecture.”
    (A) seated (B) sit (C) were seated (D) seat (E) none of the above

16. Which of the following is a financial asset?
    (A) A trademark (B) A truck (C) Undeveloped land (D) A bank loan agreement
    (E) None of the above
Section II. In this section, each sentence contains an underlined and a bold word or phrase. You are able to choose the one word or phrase that best keeps the meaning of the original sentence when substituted for the underlined and a bold word or phrase.

17. City taxes are based on an estimate of the value of one's property.
   (A) appraisal (B) forecast (C) diagnosis (D) outline (E) none of the above.

18. Because of the extreme pressure underwater, divers are often sluggish.
   (A) slow (B) hurt (C) careful (D) worried (E) none of the above.

19. Travel agents will confirm your reservations for you free.
   (A) purchase (B) verify (C) exchange (D) obtain (E) none of the above.

20. J.P. Morgan had a reputation for being a prudent businessman.
   (A) clever (B) wealthy (C) careful (D) dishonest (E) none of the above.

21. The pact has been in effect for twenty years.
   (A) monarchy (B) treaty (C) trend (D) lease (E) none of the above.

22. Library cards will expire when they are not used.
   (A) cost more money (B) cease to be effective (C) be mailed to the holder's address
   (D) be continued automatically (E) none of the above.

23. Collections of opals and quartz are featured at the City Museum's annual exhibition of precious stones.
   (A) coins (B) loot (C) gems (D) shells (E) none of the above.

24. Professor Baker is a co-worker of Professor Ayers.
   (A) an advocate (B) a disciple (C) a rival (D) a colleague (E) none of the above.

25. A thrifty buyer purchases fruits and vegetables in season.
   (A) healthy (B) disinterested (C) careful (D) professional (E) non of the above.

26. Most competitions are not open to both professionals and nonprofessionals.
   (A) aliens (B) juniors (C) amateurs (D) tutors (E) none of the above.
Section III. Please choose the most appropriate answer to each question.

27. A mail order company recently had a big jump in clothing sales after hiring a copywriter and a graphic artist to give its clothing catalog a magazine-like format designed to appeal to more upscale clientele. The company is now planning to launch a housewares catalog using the same concept.

The company's plan assumes that

(A) other housewares catalogs with magazine-like formats do not already exist
(B) an upscale clientele would be interested in a housewares catalog
(C) the same copywriter and graphic artist could be employed for both the clothing and housewares catalogs
(D) a magazine-like format requires a copywriter and a graphic artist
(E) none of the above

28. Civic Leaders: The high cancer rate among our citizens is the result of hazardous material produced at your plant.

Board of Directors: Our statistics show that rates of cancer are high throughout the valley in which the plant is situated because local wells that supply drinking water are polluted, not because of the plant.

Which of the following, if true, most seriously weakens the board's claims?

(A) The statistics do not differentiate between types of cancer.
(B) Nearby communities have not changed the sources of their drinking water.
(C) Cancer-causing chemicals used at the plant are discharged into a nearby river and find their way into local wells.
(D) The plant both uses and produces chemicals that have been shown to cause cancer.
(E) None of the above

29. Television programming experts maintain that with each 1% increase in the prime-time ratings of a television station there is a 3.5% increase in the number of people who watch its evening news program. However, in the last ten years at Channel NTR, there was only one year of extremely high prime-time ratings—and during that year, fewer people than ever watched Channel NTR’s evening news program.

Which of the following conclusions can properly be drawn from the statements above?

(A) When a news program has good ratings, the channel as a whole will have good ratings.
(B) The programming experts neglected to consider daytime news programs.

(C) The year of high ratings at NTR was a result of two hit shows which were subsequently canceled because of contractual problems.

(D) The ten-year period in question is not representative of normal viewing patterns

(E) None of the above

30. The people least likely to be audited by the Internal Revenue Service (IRS) this year are those who have been audited at least once since 1985 and who were found to have made no mistakes in filing their returns during that audit.

Of the following people, who is MOST likely to be audited by the IRS?

(A) A person who was audited in 1986 but was not found to have made any mistakes in filing his returns.

(B) A person who was audited in 1986 and whose lawyer corrected several mistakes in the tax return prior to the filing deadline.

(C) A person whose spouse was convicted of tax fraud in 1987, who was then audited and found to have made no mistakes.

(D) A person who was last audited in 1984, and had no mistakes uncovered by the IRS during that audit.

(E) None of the above

31. James's grade point average (GPA) puts him in the top third of the graduating class of college A. Nestor is in the top tenth of the same class. Elizabeth has the same GPA as Nestor. Nancy has a lower GPA than Elizabeth.

If the information above is true, which of the following must also be true?

(A) James has a higher GPA than Elizabeth.

(B) James has a higher GPA than Nancy.

(C) Nestor has a higher GPA than Nancy.

(D) Elizabeth and Nancy both have a higher GPA than James.

(E) None of the above
32. Local phone companies have monopolies on phone service within their areas. Cable television can be transmitted via the wires that are already in place and owned by the phone companies. Cable television companies argue that if the telephone companies were to offer cable services, these telephone companies would have an unfair advantage, because their cable transmissions could be subsidized by the profits of their monopolies on phone services.

On the basis of the information provided in the passage above, which of the following questions can be answered?

(A) Are phone companies as efficient as cable companies in providing reliable and inexpensive services?

(B) If phone companies were allowed to provide cable services, would they want to do so?

(C) Do the cable companies believe that the local phone companies make a profit on phone services?

(D) Are local phone companies forbidden to offer cable service?

(E) None of the above.

33. A newly discovered disease is thought to be caused by a certain bacterium. However, recently released data notes that the bacterium thrives in the presence of a certain virus, implying that it is actually the virus that causes the new disease.

Which of the following pieces of evidence would most support the data's implication?

(A) In the absence of the virus, the disease has been observed to follow infection by the bacterium.

(B) The virus has been shown to aid the growth of bacterium, a process which often leads to the onset of the disease.

(C) The virus alone has been observed in many cases of the disease.

(D) In cases where the disease does not develop, infection by the bacterium is usually preceded by infection by the virus.

(E) None of the above
34. Because of a recent drought in Florida during the orange-growing season, the price of oranges this season will be three times the usual price. This will drive up the cost of producing orange juice and thus push up the price of orange juice for the consumer.

Which of the following, if true, most seriously weakens the argument above?
(A) The recent drought was not as severe as scientists predicted.
(B) States other than Florida also supply oranges to orange juice manufacturers.
(C) Other ingredients are used in the production of orange juice.
(D) Last year the price of oranges was actually lower than the average price over the past ten years.
(E) None of the above

35. In the past year, there has been a large drop in the number of new cars sold, due to harsh economic conditions in the marketplace and high taxes. At the same time, the average price paid for a new car has risen dramatically.

Which of the following, if true, best explains the increase in the average price of a new car?
(A) The price of used cars has climbed steadily over the past ten years.
(B) There will be a tax reduction later in the year which is expected to aid moderate and low-income families.
(C) The market for expensive cars has been unaffected by the current economic conditions.
(D) Economic conditions are expected to get significantly worse before the end of the year.
(E) None of the above

36. A light bulb company produces 2,000 light bulbs per week. The manager wants to ensure that standards of quality remain constant from week to week. The manager, therefore, claims that out of 2,000 light bulbs produced per week, 500 light bulbs are rejected.

Of the following, the best criticism of the manager's plan is that the plan assumes that
(A) light bulb manufacturers cannot accept all light bulbs that are produced.
(B) The overall quality of the light bulbs would not be improved if the total number of light bulbs produced were reduced.
(C) Each light bulb that is reviewed is worthy of being reviewed.
(D) It is difficult to judge the quality of light bulb.
(E) None of the above
Section IV. There are three essays in this section. Each essay is followed by questions. Please indicate the most appropriate answer to each question.

The Nobel prizes, awarded annually for distinguished work in chemistry, physics, physiology or medicine, literature, and international peace, were made available by a fund bequeathed for that purpose by Swedish philanthropist, Alfred Bernhard Nobel.

The prizes, awarded since 1901, are administered by the Nobel Foundation in Stockholm. In 1969, a prize for economics endowed by the Central Bank of Sweden was added. Candidates for the prizes must be nominated in writing by a qualified authority in the field of competition. Candidates are judged by Swedish and Norwegian academies and institutes on the basis of their contribution to mankind. The awards are usually presented in Stockholm on December 10, with the King of Sweden officiating, an appropriate tribute to Alfred Nobel on the anniversary of his death. Each prize includes a gold medal, a diploma, and a cash award of about one million dollars.

37. How often are the Nobel prizes awarded?

(A) Five times a year
(B) Once a year
(C) Twice a year
(D) Once every two years
(E) None of the above answer

38. What does this passage mainly discuss?

(A) Alfred Bernhard Nobel
(B) The Nobel prizes
(C) Great contributions to mankind
(D) Swedish philanthropist
(E) None of the above

39. A Nobel prize would NOT be given to

(A) an author who wrote a novel
(B) a doctor who discovered a vaccine
(C) a composer who wrote a symphony
40. Why were the prizes named for Alfred Bernhard Nobel?

(A) He left money in his will to establish a fund for the prizes.

(B) He won the first Nobel prize for his work in philanthropy.

(C) He is now living in Sweden.

(D) He serves as chairman of the committee to choose the recipients of the prizes.

(E) None of the above

Application for admission to the Graduate School at this university must be made on forms provided by the Director of Admissions. An applicant whose undergraduate work was done at another institution should request that two copies of undergraduate transcripts and degrees be sent directly to the Dean of the Graduate School. Both the application and the transcripts must be on file at least one month prior to the registration date, and must be accompanied by a nonrefundable ten-dollar check or money order to cover the cost of processing the application.

An undergraduate student of this university who has senior status and is within ten credit hours of completing all requirements for graduation may register for graduate work with the recommendation of the chairperson of the department and the approval of the Dean of the Graduate School.

Students who have already been admitted to the Graduate School but were not enrolled during the previous semester should reapply for admission using a special short form available in the office of the Graduate school. It is not necessary for students who have previously been denied admission to resubmit transcripts; however, new application forms must accompany all requests for reconsideration.

41. What is the author's main point?

(A) How to apply to the Graduate School

(B) How to obtain senior status

(C) How to register for graduate coursework

(D) How to make application for graduation

(E) None of the above
42. According to this passage, where would a student secure application forms for admission to the university?

(A) From the chairperson of the department
(B) From the Dean of the Graduate School
(C) From the institution where the undergraduate work was done
(D) From the Director of Admissions
(E) None of the above

43. Where would this passage most probably be found?

(A) In a university catalog
(B) In a travel folder
(C) In a newspaper
(D) In a textbook
(E) None of the above

44. What special rule applies to undergraduate students?

(A) They may not register for graduate work.
(B) They must pass an examination in order to register for graduate work.
(C) They may receive special permission to register for graduate work.
(D) They may register for graduate work at any time.
(E) None of the above

45. Which of the following documents must be on file thirty days before the registration date?

(A) Two copies of recommendations from former professors
(B) A written approval of the Dean of the Graduate School
(C) One set of transcripts and an English proficiency score
(D) Two copies of undergraduate courses and grades, an application form, and an application fee
(E) None of the above

46. Students who have already been admitted to the Graduate School.

(A) never need to apply for readmission
(B) must reapply if they have not been registered at the university during the previous semester
(C) must reapply every semester
(D) must reapply when they are within ten credit hours of graduation

(E) none of the above

Interest is the sum charged for borrowing money. Most of the profits for a bank are derived from the interest they charge for the use of their own or their depositors' money. All problems in interest may be solved by use of one general equation that may be stated as follows:

\[ \text{Interest} = \text{Principal} \times \text{Rate} \times \text{Time} \]

Any one of the four quantities---that is, interest, principal, rate, or time---may be found when the other three are known. The time is expressed in commercial years. The rate is expressed as a decimal fraction. Thus, 6 percent interest means six cents charged for the use of $1 of principal borrowed for one year.

47. At 4 percent interest for the use of $1 principal, how much would one pay?

(A) Six cents per year
(B) Twenty-five cents per year
(C) Four cents per year
(D) One cent per year
(E) None of the above answer.

48. With what topic is this passage primarily concerned?

(A) Profits
(B) Rate
(C) Interest
(D) Principal
(E) None of the above
49. Which of the following is the best definition of interest?

(A) Money borrowed

(B) Rate x Time

(C) A fee paid for the use of money

(D) The number of years a bank allows a borrower in order to repay a loan

(E) None of the above

50. Which of the following would be a correct expression of an interest rate as stated in the equation for computing interest?

(A) 1/4

(B) 0.04

(C) 4

(D) 40/100

(E) none of the above