Mark the correct answer for each question on the Scantron card. You will have 90 minutes to complete this section of the exam.

Payroll at Company Z	
Number of Employees	Salary
6	AED 20,000
3	AED 25,000
7	AED 30,000
4	AED 40,000

1. The table above shows the number of employees at each of four salary levels at Company Z. What is the average (arithmetic mean) salary for the 20 employees?
   (A) AED 28,350
   (B) AED 27,850
   (C) AED 28,250
   (D) AED 27,250
   (E) AED 28,750

2. When $\frac{1}{10}$ percent of 3,000 is subtracted from $\frac{1}{10}$ of 3,000, the difference is

   (A) 0
   (B) 30
   (C) 270
   (D) 297
   (E) 300

3. $0.1 - (0.1)^2 - (0.1)^3 =$

   (A) 0.9
   (B) 0.089
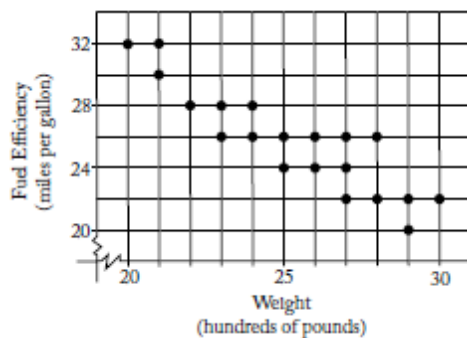   (C) 0.0889
   (D) 0.0989
   (E) 0

4. The ratio 2 to $\frac{1}{4}$ is equal to the ratio

    (A) 8 to 1
    (B) 5 to 1
    (C) 3 to 2
    (D) 2 to 3
    (E) 1 to 6
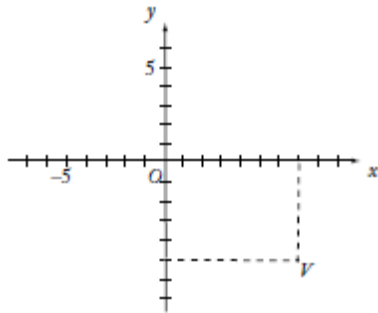
5. In the figure above, the coordinates of point V are

    (A) (–7,–5)
    (B) (–5,–7)
    (C) (5,7)
    (D) (7,5)
    (E) (7,–5)

6. The dots on the graph above indicate the weights and fuel efficiency ratings for 20 cars. How many of the cars weigh more than 2,600 pounds and also get more than 22 miles per gallon?

    (A) 5
    (B) 3
    (C) 8
    (D) 10
    (E) 11

7. Yaseen has 10 pairs of matched socks. If he loses 5 individual socks, what is the greatest number of pairs of matched socks he can have left?

    (A) 8
    (B) 7
    (C) 6
    (D) 5
    (E) 4

8. If y is an integer, which of the following must be even?

    (A) y + 1
    (B) y + 2
    (C) 2y
    (D) 2y + 1
    (E) y^2

9. $1 - \left(\dfrac{1}{2} - \dfrac{1}{3} \right) =$

    (A) $\dfrac{6}{5}$

    (B) $\dfrac{5}{6}$

    (C) $\dfrac{6}{7}$

    (D) $\dfrac{7}{6}$

    (E) 0

10. If n is an integer, then the least possible value of $|23 - 5n|$ is

    (A) 1
    (B) 2
    (C) 3
    (D) 4
    (E) 5

11. Sarah and Fatimah packed several boxes with books. If Fatimah packed 40 percent of the total number of boxes, what was the ratio of the number of boxes Sarah packed to the number of boxes Fatimah packed?

   (A) 1 to 6
   (B) 1 to 4
   (C) 2 to 5
   (D) 2 to 3
   (E) 3 to 2

12. A container was filled with 10 liters of water, and 0.02 liter of the water evaporated each day during a 20-day period. What percent of the original amount of water evaporated during this period?

   (A) 0.004%
   (B) 0.04%
   (C) 0.4%
   (D) 4%
   (E) 40%

13. A certain fruit stand sold apples for AED 0.80 each and bananas for AED 0.50 each. If a customer purchased both apples and bananas from the stand for a total of $6.40, what total number of apples and bananas did the customer purchase?

   (A) 10
   (B) 11
   (C) 12
   (D) 13
   (E) 14

14. If $y\left(\dfrac{3x-6}{2}\right) = y$ and $y \neq 0$, then x =

   (A) $\dfrac{2}{3}$

   (B) $\dfrac{5}{3}$

   (C) $\dfrac{8}{3}$

   (D) 1

   (E) 4

15. At least $\frac{2}{3}$ of the 50 members of a committee must vote in favor of a resolution for it to pass. What is the greatest number of members who could vote against the resolution and still have it pass?

    (A) 22
    (B) 20
    (C) 19
    (D) 17
    (E) 16

16. Machine X produces bolts at a uniform rate of 160 every 40 seconds, and Machine Y produces bolts at a uniform rate of 120 every 20 seconds. If the two machines run simultaneously, how many seconds will it take for them to produce a total of 200 bolts?

    (A) 22
    (B) 20
    (C) 28
    (D) 32
    (E) 56

17. In an increasing sequence of 10 consecutive integers, the sum of the first 5 integers is 585. What is the sum of the last 5 integers in the sequence?

    (A) 610
    (B) 605
    (C) 600
    (D) 595
    (E) 590

18. If Ahmad loses 3 kg, he will weigh twice as much as his sister. Together they now weigh 126 kg. What is Ahmad's present weight, in kg?

    (A) 59
    (B) 61
    (C) 63
    (D) 67
    (E) 85

19. $\frac{1}{2} + \left[\left(\frac{2}{4} \times \frac{1}{2} \right) \div 4 \right] - \frac{9}{16} =$

(A) $\frac{29}{16}$

(B) $\frac{19}{16}$

(C) $\frac{15}{16}$

(D) $\frac{9}{13}$

(E) 0

20. If C = $\frac{5}{9}$(F − 32), and if C = 390, then F =

(A) $\frac{1,738}{9}$

(B) 322

(C) 490

(D) 734

(E) $\frac{2,898}{5}$

21. Sixty percent of the members of a study group are men, and 45 percent of those men are doctors. If one member of the study group is to be selected at random, what is the probability that the member selected is a male doctor?

(A) 0.10
(B) 0.15
(C) 0.27
(D) 0.33
(E) 0.45

22. If p is the product of the integers from 1 to 30, inclusive, what is the greatest integer k for which 3^k is a factor of p ?

   (A) 10
   (B) 12
   (C) 14
   (D) 16
   (E) 18

23. Mariam's income is 70 percent more than Ali's income, and Ali's income is 30 percent less than Jumana's income. What percent of Jumana's income is Mariam's income?
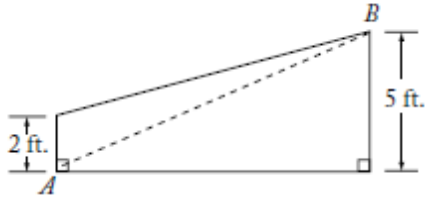
   (A) 124%
   (B) 96%
   (C) 119%
   (D) 80%
   (E) 64%

24. Hussein has h books, which is 4 times as many as Salim and $\frac{1}{3}$ as many as Aisha. How many books do the three of them have altogether, in terms of h ?

   (A) $\frac{5}{6}h$

   (B) $\frac{9}{4}h$

   (C) $\frac{17}{4}h$

   (D) $\frac{7}{4}h$

   (E) $\frac{13}{4}h$

25. In Town Y, 64 percent of the population are employed, and 48 percent of the population are employed males. What percent of the employed people in Town Y are females?

   (A) 16%
   (B) 25%
   (C) 32%
   (D) 40%
   (E) 52%

26. On a recent trip, Farah drove her car 290 km, rounded to the nearest 10 km, and used 12 liters of gasoline, rounded to the nearest liter. The actual number of km per liter that Farah's car got on this trip must have been between

(A) $\dfrac{290}{12.5}$ and $\dfrac{290}{11.5}$

(B) $\dfrac{295}{12}$ and $\dfrac{285}{11.5}$

(C) $\dfrac{285}{12}$ and $\dfrac{295}{12}$

(D) $\dfrac{285}{12.5}$ and $\dfrac{295}{11.5}$

(E) $\dfrac{295}{12.5}$ and $\dfrac{285}{11.5}$

27. The diagram above shows the various paths along which a mouse can travel from point X, where it is released, to point Y, where it is rewarded with a food pellet. How many different paths from X to Y can the mouse take if it goes directly from X to Y without retracing any point along a path?

(A) 6
(B) 7
(C) 12
(D) 14
(E) 17

28. In a weight-lifting competition, the total weight of Jasim's two lifts was 370 kg. If twice the weight of his first lift was 140 kg more than the weight of his second lift, what was the weight, in kg, of his first lift?

(A) 110
(B) 130
(C) 150
(D) 170
(E) 190

29. The trapezoid shown in the figure above represents a cross section of the rudder of a ship. If the distance from A to B is 13 feet, what is the area of the cross section of the rudder in square feet?

(A) 39
(B) 40
(C) 42
(D) 45
(E) 46.5

30. A toy store regularly sells all stock at a discount of 10 percent to 30 percent. If an additional 20 percent were deducted from the discount price during a special sale, what would be the lowest possible price of a toy costing AED 15 before any discount?

(A) AED 5.60
(B) AED 8.40
(C) AED 8.80
(D) AED 9.60
(E) AED15.20

31. A positive number x is multiplied by 3, and this product is then divided by 4. If the positive square root of the result of these two operations equals x, what is the value of x ?

(A) $\dfrac{9}{4}$

(B) $\dfrac{3}{2}$

(C) $\dfrac{4}{3}$

(D) $\dfrac{3}{4}$

(E) $\dfrac{1}{2}$
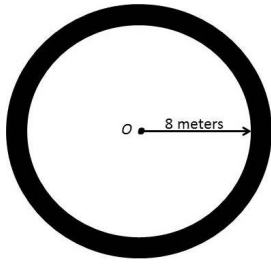
32. The figure above shows a circular flower bed, with its center at O, surrounded by a circular path that is 3 meters wide. What is the area of the path, in square feet?

(A) 25π
(B) 38π
(C) 55π
(D) 57π
(E) 64π

33. Laith has x dirhams more than Jamil has, and together they have a total of y dirhams. Which of the following represents the number of dirhams that Jamil has?

(A) $\dfrac{y-x}{2}$

(B) $y - \dfrac{x}{2}$

(C) $\dfrac{y}{2} - x$

(D) $2y - x$

(E) $y - 2x$

34. Forty percent of the members of a swim club have passed the lifesaving test. Among the members who have not passed the test, 14 have taken the preparatory course and 40 have not taken the course. How many members are there in the swim club?

(A) 90
(B) 110
(C) 130
(D) 150
(E) 170

35. Of the final grades received by the students in a certain math course, $\frac{1}{2}$ are A's, $\frac{1}{5}$ are B's, $\frac{1}{4}$ are C's, and the remaining 20 grades are D's. What is the number of students in the course?

  (A) 80
  (B) 110
  (C) 160
  (D) 400
  (E) 200

36. If the average (arithmetic mean) of x and y is 70 and the average (arithmetic mean) of y and z is 90, what is the value of z – x ?

  (A) 70
  (B) 40
  (C) 20
  (D) 10
  (E) It cannot be determined from the information given.

37. If x is an even integer and y is an odd integer, which of the following must be an odd integer?

  (A) $\frac{x}{y}$

  (B) xy

  (C) 2x + y

  (D) 2(x + y)

  (E) $\frac{3x}{y}$

38. What is the units digit of $(13)^4(17)^2(29)^3$?

  (A) 9
  (B) 7
  (C) 5
  (D) 3
  (E) 1

39. A point on the edge of a fan blade that is rotating in a plane is 20 centimeters from the center of the fan. What is the distance traveled, in centimeters, by this point in 20 seconds when the fan runs at the rate of 300 revolutions per minute?

    (A) 750π
    (B) 4,000π
    (C) 1,875π
    (D) 3,000π
    (E) 7,500π

40. Of the 80 researchers in a workgroup, 40 percent will be assigned to Team A and the remaining 60 percent to Team B. However, 70 percent of the researchers prefer Team A and 30 percent prefer Team B. What is the lowest possible number of researchers who will NOT be assigned to the team they prefer?

    (A) 24
    (B) 26
    (C) 28
    (D) 30
    (E) 32
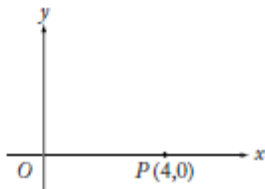
41. In the rectangular coordinate system above, if point R (not shown) lies on the positive y-axis and the area of triangle ORP is 14, what is the y-coordinate of point R?

    (A) 3
    (B) 7
    (C) 9
    (D) 12
    (E) 24

42. For the past n days, the average (arithmetic mean) daily production at a company was 60 units. If today's production of 90 units raises the average to 65 units per day, what is the value of n ?

    (A) 30
    (B) 18
    (C) 10
    (D) 9
    (E) 5

43. If $\dfrac{1}{x} - \dfrac{1}{x+1} = \dfrac{1}{x+4}$, then x could be

    (A) 0
    (B) −1
    (C) −2
    (D) −3
    (E) −4

44. A part-time employee whose hourly wage was increased by 25 percent decided to reduce the number of hours worked per week so that the employee's total weekly income would remain unchanged. By what percent should the number of hours worked be reduced?

    (A) 12.5%
    (B) 20%
    (C) 25%
    (D) 50%
    (E) 75%

45. If x is a positive integer, then x(x + 1)(x + 2) is

    (A) even only when x is even
    (B) even only when x is odd
    (C) odd whenever x is odd
    (D) divisible by 3 only when x is odd
    (E) divisible by 4 whenever x is even

Mark the correct answer for each question on the Scantron card. You will have 30 minutes to complete this section of the exam.

46. Scientists propose placing seismic stations on the floor of the Pacific Ocean to warn coastal communities on the US northwestern coast of imminent tidal waves caused by earthquakes. Since warned communities could take steps to evacuate, many of the injuries and deaths that would've occurred could be avoided if the government would implement this proposal.

    The answer to which of the following questions would be most important in determining whether implementing the proposal would be likely to achieve the desired result?

    (A) When was the last threat that the coastal communities faced by an approaching tidal wave?
    (B) How far below sea level should the stations be situated?
    (C) Would the communities have enough time after receiving warning of an imminent tidal wave to evacuate securely?
    (D) How soon after a tidal wave hits land would it be safe for the evacuated citizens to return to their homes?
    (E) Can the stations be equipped to collect and relay information about natural occurrences other than tidal waves caused by earthquakes?

47. Homeowners aged 45 to 55 are more likely to purchase cupcakes and are more likely to purchase them in larger quantities than are members of any other demographic group. The popular belief that teenagers eat more cupcakes than adults must, therefore, be false.

    The argument is flawed primarily because the author

    (A) fails to distinguish between buying and using
    (B) does not supply information about homeowners in age groups other than 45 to 55
    (C) depends on what people think rather than on documented research results
    (D) does not specify the exact number of cupcakes purchased by any demographic group
    (E) discusses cupcakes rather than more nutritious foods

48. A company is considering changing its policy concerning daily working hours. Currently, this company forces all employees to arrive at work at 9 a.m. The proposed change would allow each employee to decide when to arrive—from as early as 7 a.m. to as late as noon. The implementation of this policy would be most likely to lower employees' productivity if the employees' job functions required them to

   (A) work without interruption from other employees
   (B) consult at least once a day with employees from other companies
   (C) submit their work for a supervisor's eventual approval
   (D) interact frequently with each other throughout the entire workday
   (E) undertake projects that take several days to complete

49. The amount of time it takes for most of an employee's occupational knowledge and skills to become outdated has been declining because of the introduction of advanced manufacturing technology (AMT). Given the rate at which AMT is currently being introduced in factories, the average worker's old skills become obsolete and new skills are required within as little as five years.

   Which of the following plans, if feasible, would allow a company to prepare most effectively for the rapid obsolescence of skills described above?

   (A) Selected employees are chosen by the company to undergo a program where they are offered a training opportunity six years after they were originally hired.
   (B) Every year for a period of at least five years, the company will increase its investment in AMT
   (C) The company will periodically check on its employees to evaluate how the introduction of AMT has affected them.
   (D) Before the introduction of AMT, the company will institute an awareness program to inform its employees of the probable consequences of the introduction of AMT.
   (E) The company will ensure that it can offer its employees any training necessary for meeting their job requirements.

50. Ajman's city council wants to minimize the city's average yearly expenditures on its traffic lights and so is considering replacing the incandescent bulbs currently in use with arrays of light-emitting diodes (LEDs) as the incandescent bulbs burn out. Compared to incandescent bulbs, LED arrays cost no more to produce and consume significantly less energy. In addition, converting the existing fixtures so as to accept LED arrays would have a minimal cost.

Which of the following would it be most useful to know in determining whether switching to LED arrays would be likely to help minimize Ajman's yearly maintenance costs?

- (A) Whether the expected service life of LED arrays is at least as long as that of the currently used incandescent bulbs
- (B) Whether any cities have switched from incandescent lights in their traffic signals to lighting technologies other than LED arrays
- (C) Whether the company from which Ajman currently buys incandescent bulbs for traffic signals also sells LED arrays
- (D) Whether Ajman's city council plans to increase the number of traffic signals in Ajman
- (E) Whether the crews that currently replace incandescent bulbs in Ajman's traffic signals know how to convert the existing fixtures so as to accept LED arrays

51. Outsourcing is the practice of getting a product or service that a company has previously provided for itself from an independent supplier. Since a company's main objective is to maximize profits, any product or service that can be obtained from an independent supplier for less than it would cost the company to provide the product or service on its own should be outsourced. Which of the following, if true, most seriously weakens the argument?

- (A) If a company decides to use independent suppliers for a product, it can utilize the vigorous competition among several firms that are interested in supplying the product.
- (B) Successful outsourcing requires providing the suppliers with sensitive information about products and plans. If this information falls into the hands of its competitors it can give them a business advantage.
- (C) Certain tasks, such as handling the company's core business, are not outsourced, while others, such as processing a company's payroll, are commonly outsourced.
- (D) For a company to provide a product or service for itself at a low cost as an independent supplier can provide it, the employees involved need to be as experienced in the area of that product or service as the people in charge of that product or service at an independent supplier are.
- (E) When a company decides to outsource, the independent supplier sometimes hires members of the company's staff who formerly made the product or provided the service that the independent supplier now supplies.

52. Studies have shown that for both men and women that marry as young adults live longer than those who never marry. This does not prove that marriage causes people to live longer, but instead is because young adults who are about to get married have fewer unhealthy habits that can cause a person to have a shorter life, most importantly smoking and immoderate drinking of alcohol. Which of the following, if true, most strengthens the argument above?

(A) Marriage causes people to engage less regularly in sports that involve risk of bodily harm.
(B) A married person who has an unhealthy habit is more likely to give up that habit than an unmarried person with the same habit.
(C) A person who smokes is much more likely to marry a person who smokes at the time of marriage, and the same is true for people who drink alcohol immoderately.
(D) Most of those people who marry as young adults and who give up an unhealthy habit after marriage do not resume the habit later in life.
(E) Those people who as young adults neither drink alcohol immoderately nor smoke and who never marry live as long as those who marry.

53. Air Arabia has dozens of flights daily into and out of Sharjah Airport, which is highly congested. Air Arabia depends for its success on economy and quick turnaround. It is consequently planning to replace its large planes with Skyplanes, whose novel aerodynamic design is extremely fuel efficient. The Skyplanes' fuel efficiency results in both lower fuel costs and reduced time spent refueling.

Which of the following, if true, could present the most serious disadvantage for Air Arabia in replacing their large planes with Skyplanes?

(A) The Skyplanes would enable Air Arabia to schedule direct flights to destinations that currently require stops for refueling.
(B) Aviation fuel is projected to decline in price over the next several years.
(C) The fuel efficiency of the Skyplanes would enable Air Arabia to eliminate refueling at some of its destinations, but several mechanics would lose their jobs.
(D) None of Air Arabia's competitors that use Sharjah Airport are considering buying Skyplanes.
(E) The aerodynamic design of the Skyplanes causes turbulence behind it when taking off that forces other planes on the runway to delay their takeoffs.

54. Companies adopting "profit-related-pay" (PRP) contracts pay wages at levels that increase and decrease with the company's profits. In the oil refinery industry last year, firms with PRP contracts in place showed productivity per worker on average 14 percent higher than that of their competitors who used more traditional contracts.

If, on the basis of the evidence above, it is argued that PRP contracts increase worker productivity, which of the following, if true, would most seriously weaken that argument?

(A) Results similar to those cited for the oil refinery industry have been found in other industries where PRP contracts are used.
(B) Under PRP contracts other costs, such as plant, machinery, and energy, make up an increased proportion of the total cost of each unit of output.
(C) Because introducing PRP contracts greatly changes the workers' relationship with the company, negotiating the introduction of PRP contracts is complex and time-consuming.
(D) Many companies in the oil refinery industry have modernized equipment in the last five years, and most of these introduced PRP contracts at the same time.
(E) In companies in the oil refinery industry where PRP contracts are in place, the average take-home pay is 20 percent higher than it is in those firms where workers have more traditional contracts.

55. The difficulty with the proposed high-speed train line is that a used plane can be bought for one-third the price of the train line, and the plane, which is just as fast, can fly anywhere whereas the train only goes through a fixed track. Consumers are more likely to choose the freewheel systems (cars, buses, aircraft), which do not have fixed routes. Thus, a sufficient market for the train will not exist.

Which of the following, if true, most severely weakens the argument presented above?

(A) Cars, buses, and planes require drivers and pilots to drive them, whereas the train will be guided with mechanics and computers.
(B) Cars and buses are not as fast as the high-speed train will be.
(C) Planes are not a true free-wheel system since they can fly only between airports, which are less convenient for consumers than the high-speed train's stations would be.
(D) The high-speed train line cannot use currently underutilized train stations in large cities.
(E) For long trips, most people prefer to fly rather than to take ground-level transportation.

56. One way to judge the performance of a company is to benchmark it or compare it with other companies. This process allows the manager of a company to discover better practices and can provide a justification for the adoption of good practices.

Any of the following, if true, is a valid reason for benchmarking the performance of a company against other firms with which it is not in competition rather than against competitors EXCEPT:

(A) Comparisons with competitors are most likely to focus on practices that the manager making the comparisons already undertakes.
(B) Getting "inside" information about the unique practices of competitors isn't an easy task.
(C) Companies that compete with each other are likely to have similar levels of efficiency. Therefore, only benchmarking against non-competitors is likely to reveal practices that would help in beating competitors.
(D) Managers are generally more accepting of new ideas that they find outside their own industry.
(E) Much of the success of good companies is due to their adoption of practices that take advantage of the unique circumstances of their products or markets.

57. Ahmad: Following new government regulations that require the installation of smoke alarms and sprinkler systems in all cinemas will cost the entertainment industry AED 25 billion annually. Consequently, jobs will be lost and profits diminished. Therefore, these regulations will harm the country's economy.

Sarah: The AED 25 billion spent by some businesses will be revenue for others. Jobs and profits will be gained as well as lost.

Sarah responds to Ahmad by

(A) demonstrating that Ahmad's conclusion is based on evidence that is not relevant to the issue at hand
(B) challenging the plausibility of the evidence that serves as the basis for Ahmad's argument
(C) suggesting that Ahmad's argument overlooks a mitigating consequence
(D) reinforcing Ahmad's conclusion by supplying a complementary interpretation of the evidence Ahmad cites
(E) agreeing with the main conclusion of Ahmad's argument but construing that conclusion as grounds for optimism rather than for pessimism

58. A recent report determined that although only 5 percent of drivers on Abu Dhabi highways equipped their vehicles with radar detectors, 25 percent of all vehicles ticketed for exceeding the speed limit were equipped with them. This shows that, drivers who have radar detectors are more likely to exceed the speed limit regularly than are drivers who do not.

The conclusion drawn above depends on which of the following assumptions?

(A) Drivers who have radar detectors are less likely to be ticketed for exceeding the speed limit than are drivers who do not.
(B) Drivers who are ticketed for exceeding the speed limit are more likely to exceed the speed limit than are drivers who are not ticketed.
(C) The number of vehicles that were equipped with radar detectors is less than the number of vehicles that were ticketed for exceeding the speed limit.
(D) Many of the vehicles that were ticketed for exceeding the speed limit were ticketed more than once in the time period covered by the report.
(E) Drivers on Abu Dhabi highways exceeded the speed limit more often than did drivers on other city highways not covered in the report.

59. The local board of education found that, because the current physics curriculum has little direct relevance to the modern world, physics classes aren't attracting many high school students. So to attract students to physics classes, the board proposed a change to the curriculum to emphasize principles of physics involved in producing and analyzing visual images.

Which of the following, if true, provides the strongest reason to expect that the proposed curriculum will be successful in attracting students?

(A) Several of the fundamental principles of physics are utilized in producing and analyzing visual images.
(B) Knowledge of physics is becoming increasingly essential in understanding the technology used in the modern world.
(C) A large producer of photographic equipment has donated equipment to the high school and it could be used in the proposed curriculum.
(D) The number of students interested in physics 40 years ago is much higher than the number of students interested in physics today.
(E) In today's world the production and analysis of visual images is of major importance in communications, business, and recreation.

60. More lawyers will advertise their services if there are fewer restrictions on the advertising of legal services. Lawyers who advertise a specific service usually charge less for that service than the lawyers who do not advertise. Therefore, if the state removes any of its current restrictions, such as the one against advertisements that do not specify fee arrangements, overall legal costs for consumers will be lower than if the state keeps its current restrictions.

If the statements above are true, which of the following must be true?

(A) Since they do not have to specify fee arrangements in the advertisements, some lawyers who now advertise will charge more for specific services.
(B) More consumers will use legal services if there are fewer restrictions on the advertising of legal services.
(C) More lawyers will advertise their services if the restriction against advertisements that do not specify fee arrangements is removed.
(D) If more lawyers advertise lower prices for specific services, some lawyers who do not advertise will also charge less than they currently charge for those services.
(E) Most lawyers would advertise their services if the only restrictions on the advertising of legal services were those that apply to every type of advertising.

In this section, you will analyze an issue and explain your views on it. There is no answer which is necessarily correct. You are to demonstrate your ability to consider different perspectives in creating and explaining your own perspective on the issue.

You will select one of the following two questions. Take some time to think about the issue and plan your response. Organize your ideas and develop them, but leave time to reread your response and make any changes you think are necessary. Be sure to provide reasons or examples that support your argument. Use good English and write clearly.

Pick <u>one question</u> and write your response in the answer book provided.

Question 1

"Too many people are purely results-oriented. The key to success, however, is to focus on what you are doing and to worry less about positive or negative results."

What do you think this statement means? Is it generally accurate, in your opinion? Support your views with reasons and/or examples drawn from your own experience, observations, or reading.

Question 2

"When choosing your career, the financial benefits should be your number one factor."

Discuss how much do you agree or disagree with the opinion stated above. Support your views with reasons and/or examples from your own experience, observations or reading.

In this section, you are expected to evaluate and critique the argument presented. <u>You are not asked to present your own views</u>. Take some time to think about the argument and plan your response. Organize your ideas and develop them, but leave time to reread your response and make any changes you think are necessary. Be sure to provide logic, reasons or examples that support your critique. Use good English and write clearly.

Argument

The following appeared as part of a promotional campaign to sell advertising space in the Gulf Gazette to clothing stores in the Sharjah area:

"Advertising the discounted price of selected clothing items in the Gulf Gazette will help you increase your sales. What follows are the results from a recent study. Forty discounted clothing items from a store in Sharjah were advertised in Gulf Gazette for four days. Each time one or more of the 40 items was purchased, cashiers asked whether the shopper had read the ad. Three-quarters of the 300 shoppers answered positively. Furthermore, more than half the customers who answered in the affirmative spent over AED 200 at the store."

Discuss how well reasoned you find this argument. In your analysis be certain to consider the logic and the use of evidence to support the statement. Are there assumptions which may not be true? Are there other ways to interpret the evidence? What sort of facts or other evidence would make the argument stronger or weaker? What changes would make the argument more logically sound?

Write your response in the answer book provided.

MBA ADMISSIONS EXAM SOLUTIONS

QUANTITATIVE REASONING SECTION

V3		
1. C	16. B	31. D
2. D	17. A	32. D
3. B	18. E	33. A
4. A	19. E	34. A
5. E	20. D	35. D
6. B	21. C	36. B
7. B	22. C	37. C
8. C	23. C	38. E
9. B	24. C	39. B
10. B	25. B	40. A
11. E	26. D	41. B
12. D	27. C	42. E
13. B	28. D	43. C
14. C	29. C	44. B
15. E	30. B	45. E

CRITICAL REASONING SECTION

V3
46. C
47. A
48. D
49. E
50. A
51. B
52. E
53. E
54. D
55. C
56. E
57. C
58. B
59. E
60. C