

NMAT – 2006

Directions (Qs.1 to 20): Choose the most appropriate word that fits into the blank, from amongst the words given below each sentence.

1. The tourist was on a budget.
[1] cheap [2] meager [3] shoes-string [4] inexpensive
2. The students on a tour were looking for an accommodation that was
[1] affordable [2] good [3] fine [4] small
3. His speech did not match his classy appearance.
[1] great [2] affected [3] slow [4] stuttering
4. Seat reservation in colleges is a case of action.
[1] undue [2] hasty [3] affirmative [4] expected
5. He was the..... of everyone's jokes.
[1] butt [2] theme [3] aim [4] target
6. Too many cooks spoil the,
[1] soup [2] broth [3] preparation [4] dish
7. He said "No !", in a manner.
[1] brief [2] polite [3] brusque [4] quick
8. We need to the ornaments till they shine.
[1] buff [2] burnish [3] treat [4] keep
9. The speaker threw up his hands in a gesture.
[1] loud [2] artistic [3] dramatic [4] odd
10. Coming from a politician the promises were merely
[1] talk [2] false [3] rhetoric [4] lies
11. The room had cold air blowing through it.
[1] wide [2] drafty [3] damp [4] big
12. Internet has the way people work.
[1] changed [2] augmented [3] enhanced [4] revolution
13. I was by his slow and stuttering speech.
[1] put-off [2] picued [3] lulled [4] uncomfortable
14. He was so drunk that he head first into the pool.
[1] dived [2] pitched [4] plunged [5] fell
15. No one could curb the spirit of the team
[1] great [2] live [3] indomitable [5] true
16. The VIP was into the car by his bodyguards.
[1] thrown [2] pushed [3] dumped [4] hustled

17. The speech was with jokes.
[1] interspersed [2] punctuated [3] twined [4] filled
18. A huge rock came down the mountain.
[1] hurtling [2] sailing [3] scurrying [4] rolling
19. The corner sang m a voice.
[1] cool [2] loud [3] light [4] husky
20. The actor was with requests for an appearance.
[1] invaded [2] floored [3] stuffed [4] inundated

Directions (Qs.21 to 30) : Choose the correct word that is not a synonym of the given word, from the choices given below the word.

21. assent :
[1] accede [2] acquiesce [3] exceed [4] agree
22. prime :
[1] prepare [2] ready [3] set up [4] immature
23. dual:
[1] multiple [2] double [3] duple [4] split.
24. trial:
[1] theoretic [2] model [3] pilot [4] test.
25. casual :
[1] everyday [2] insouciant [3] planned [4] nonchalant
26. voluptuous :
[1] juicy [2] fat [3] curvy [4] luscious
27. unseemly :
[1] indecent [2] unbecoming [3] untoward [4] undisturbed
28. deter :
[1] dissuade [2] discourage [3] disapprove [4] disagree.
29. defer:
[1] prorogue [2] fable [3] shelve [4] hold
30. distant:
[1] extreme [2] removed [3] remote [4] imminent

Directions (Qs.31 to 35): Choose the correct word that is closest in meaning to the given word, from amongst the choices that are given below.

31. angst
[1] annoyance [2] fear [3] complication [4] fury
32. hinterland
[1] remote area [2] steep mountain [3] cold climate [4] northern region.

33. blitz
[1] a drinking binge [2] foolish talk [3] swift attack [4] ignore completely.
34. pilsner
[1] fisherman [2] light beer [3] seat cushion [4] deep valley
35. spiel
[1] to drop something [2] tell a secret [3] speak extravagantly [4] drive fast

PASSAGE

Of all the sea's possibilities' for man's future, the greatest may be its promise of an important increase in the world's food supply. Square mile for square mile, the sea is estimated to be more productive than the land. Yet at present the oceans supply only one or two percent of man's food. Despite all he is learning about the sea, man's relationship to it is still primitive; he is a hunter rather than a harvester. Along some coasts oyster growers set out beds of oysters and fence out the oyster's enemies to increase the yield. In the Philippines, Indonesia, Japan and China, people already grow fish and prawns in fresh-water ponds. But this is just a beginning. In the future, to meet the great needs of a rapidly expanding world population, man will have to farm the sea as he has for so long farmed the land.

There are many things that scientists can do to increase the sea's yield of food. One was experimented with over half a century ago by the British biologist Walter Garstang, who transplanted flounders from their crowded home near the Dutch coast to a similar area in the middle of the North Sea. He did this several times and found the method successful. The transplanted flounders grew to three times the size of their brothers in the crowded Dutch waters. Striped bass, shad and soft-shelled clams have been successfully transplanted from the east to the west coast of North America, and the North American Chinook salmon now lives and breeds around New Zealand.

In the sea farming of the future it should not be necessary to spread fertilizer in the seas as farmers do on land. But it may be useful to stimulate the flow of nutrients to those areas most conveniently accessible for sea farming Columbus O' Donnell Iselin, an American oceanographer, suggests that we can stimulate up-wellings of mineral-rich cold water along our coast by using jet engines placed on shore or on big bouys to pump compressed air through long tubes to the deep sea layers. The rising bubbles fair would carry nutrients up with them Another Iselin idea is to cause an up-welling in the; Gulf Stream by anchoring a quantity of submerged buoys very large boards attached to them deep in the water the Florida strait. Each of these boards would be fixed at an angle so that they could deflect the cold seabed waters upwards. By this means, the writer predicts, we could probably fetch enough mineral nutrients up to the surface to turn the Gulf Stream off the south-eastern United States into an area rich in plankton. This would inevitably result in an improvement in the fishing industry of the South Atlantic States.

When the time comes to, farm the sea, Sir Alister Hardy of Oxford University has said, man will go under water to breed fish. As a first step he will have to make a distinction between creatures he can eat and those he cannot the latter says Sir Alister, will have to be classified as weeds and taken out. As long ago as World War I a marine biologist calculated that 'weeds', i.e. inedible "creatures the brittle stars and starfish, eat up all but a very small percentage of the fish food available m the sea To clear away these weeds so that the fish can get at least 20 percent of the available food, the sea farmer of the future will have to use completely new techniques. Professor Hardy expects that sea farmers, working for periods of about two hours at a time, from a mother ship , above.....will be driving submarine tractors doym below, These tractors will be used to dear destructive weeds off the ocean bed. Later, when harvest time comes, the same tractors will pull nets through the same waters and collect fish that have grown fat on their unshared sea-bed food.

Sir Aliser foresees such scenes in the coastal waters around Europe, but we are only likely to see(them in the distant future Europe is already quite well provided with food resources Like the United States, whose

requirements for sea food are expected to double in the next twenty years. Europe can probably meet its own expanding needs in the future simply by improving present fishery techniques. But for many countries in Asia Africa and Latin America with rocketing birth, rates, survival may depend on the development of some sort of intensive underwater farming. Pessimists predict that man will some day be forced to eat plankton. Though this always remains a possibility, there are two things which made it unlikely, In the first place, man is not really so efficient at collecting plankton as are the whales, and so it might well turn out that the process would be too expensive. In the second place, a good deal of it does not taste very pleasant.

36. Fanning the sea means:
- [1] ploughing the sea-bed and growing crops on it.
 - [2] trying to increase the sea's yield of fish.
 - [3] trying to improve techniques of fishing.
 - [4] transplanting fish to fresh water ponds.
37. The harvest of the sea can/be increased by:
- [1] moving fish from crowded to less crowded waters.
 - [2] growing land plants on the sea-bed.
 - [3] moving fish to areas of the North sea.
 - [4] transplanting the plants that fish eat.
38. The harvest of the sea can also be increased by :
- [1] pouring chemicals to make the sea fertile.
 - [2] changing the direction of the Gulf stream.
 - [3] controlling the movement of water containing fish food.
 - [4] driving submarine tractors on the sea-bed.
39. The sea farmers first be will be to :
- [1] destroy all unwanted plants on the bottom of the sea
 - [2] destroy inedible animals which eat the food of edible fish.
 - [3] prevent edible fish breeding with inedible fish.
 - [4] drive the submarine tractors pulling the nets.
40. Intensive underwater farming will be particularly important for:
- [1] countries with low birth-rates.
 - [2] the, United States of America.
 - [3] European countries.
 - [4] Asia, Africa and Latin America.
41. The writer says one square mile of sea.
- [1] produces the same, as one square mile of land.
 - [2] might produce as much as one square mile of land.
 - [3] could produce more Than one square mile of land.
 - [4] will produce less than one square mile of land.
42. In the sea farming of the future it should not be necessary to spread fertilizer in the sea. The underlined clause means:
- [1] it is probable that we, will not need to use fertilizers.
 - [2] we ought not to spread fertilizers on the sea bed.
 - [3] we will not have to spread fertilizers on the sea-bed.
 - [4] it is certainly unnecessary spread fertilizers on the sea-bed.
43. "It might well turn out that the process would be too expensive" means:
- [1] we will almost certainly find that the process will be very expensive.

- [2] people have found that the process is very expensive that we cannot use it.
[3] we will possibly find that the process is so expensive indeed.
[4] it could be just as well if the process was too expensive.
44. A flounder is a:
[1] plant [2] mineral nutrient [3] weed [4] fish
45. Which of the following statement, is correct?
[1] Striped bass have been taken from the west coast of North America.
[2] Chinook Salmon have been 'transplanted in North America.
[3] Clams are now found on the west coast of North America.
[4] Shad have been transplanted from the North sea to the Dutch coast

Directions (46 to 50): In the following sentences four words or phrases have been underlined. Find out which of them is not acceptable in standard English

46. The special terminology developed by some authorities in the field has done more to confusing the layman than to enlighten him.
[1] [2] [3] [4]
47. My advice is to avoid discuss this problem with him today as he is rather testy and may shout at you.
[1] [2] [3] [4]
48. Mahatma Gandhi urged his followers to pursue a programme of passive resistance as he felt that it was most effective than violence and acts of terror.
[1] [2] [3] [4]
49. Some animals, including man. are omnivorous and ate both meat and vegetables; others are either carnivorous or herbivorous.
[1] [2] [3] [4]
50. I was impressed of the range of accessories for my microcomputer that were available in Japan
[1] [2] [3] [4]
51. Who amongst the following is not a Maoist leader in Nepal?
[1] Jung Bahadur Thapa [2] Prachanda
[3] Baburam Bhattarai [4] Pushpa Kamal Dahal
52. The head of state of which country had abdicated his position recently ?
[1] Denmark [2] Bhutan [3] Nepal [4] Spain
53. Which of the following is the correct full form of BCCI ?
[1] Board for Control of Cricket in India [2] Board of Cricket Control for India
[3] Board of Control of Cricket in India [4] Board for Cricket Control for India
54. The famous temples at Khajuraho was built by which dynasty ?
[1] Rashtrakutas [2] Chandelas [3] Pratiharas [4] Paramars
55. From which of the following plants can biodiesel be extracted ?
[1] Neem [2] Apricot [3] Jatropha [4] Aracus
56. Which Indian state has the worst male-female ratio?

- [1] Haryana [2] Rajasthan [3] Punjab [4] Orissa
57. Nasdaq had made a bid for which stock exchange of the world?
[1] London Stock Exchange [2] Vancouver Stock Exchange
[3] Madrid Stock Exchange [4] National Stock Exchange
58. Which of the following is not a crude oil price benchmark ?
[1] West Texas Intermediate [2] Brent Blend
[3] Dubai [4] OPEC
59. Priority sector lending requirement by commercial banks is at what level ?
[1] 25% [2] 35% [3] 40% [4] 30%
60. Mr. Tarapore, who headed the committee which gave its recommendations on Capital Account Convertibility is ?
[1] Deputy Governor of RBI [2] Ex Deputy Governor of RBI
[3] Ex Governor of RBI [4] None of these
61. Who holds the 76% Indian stake In Aviva Life Insurance Co. ?
[1] Dabar [2] Mahindra
[3] Bank of Baroda [4] Punjab national Bank
62. If other things remain constant, which of the following will not result in a interest rate hike in India
[1] increase in repo rate [2] increase in reverse repo rate
[3] increase in cash reserve ratio [4] increase in money supply.
63. What was the Bombay Plan ?
[1] Plan for the Indian economy formulated by the Indian National Congress
[2] Plan for the Indian economy formulated by the top business leaders it pre-independence Bombay
[3] Plan for the Indian economy formulated by the top business leaders in post-independence Bombay.
[4] Plan for the growth and development of Bombay city.
64. The shares of which Indian co. have been recently included in the Nasdaq benchmark index?
[1] Wipro [2] Infosys [3] Satyam [4] TCS
65. Which is the first Indian Company to launch 3G –services in India ?
[1] Bharti [2] Reliance [3] BSNL [4] Hutch
66. Which of the following book and author pairs are not correctly matched ?
[1] The Seven Habits of Highly Effective People - Stephen Covey
[2] Fortune at the Bottom of the Pyramid C. K. Prahlad
[3] Tough times Never Last But Tough People Do-----Robert Schuller
[4] In Defence of Globalization—Amartya Sen
67. About 40% of Norway's GNP is accounted for by which of the following industries ?
[1] Shipping [2] Marine Product [3] Iron ore [4] Telecommunications
68. Arcelor Mittal has recently signed an MOU with the government of which state?
[1] Orissa [2] Jharkhand [3] Maharashtra [4] Andhra Pradesh
69. The remaining 10.27% government's stake in Maruti Udyog Ltd. is to be sold to:
[1] The public [2] Japan's Suzuki Motor Corp
[3] Banks and Financial Institutions [4] Employees of MUL

70. Hutch Essar, one of India's largest mobile operations—accounts for what percentage of Hutchison telecommunication international (HTIL)'s total revenue:
[1] 10–20% [2] 20–30% [3] 40–50% [4] 30–40%
71. Approximately what percentage of De beer's Diamond Trading Company (DTC)' 'Sight holders' are Indians?
[1] 20% [2] 40% [3] 50% [4] 30%
72. Which of the following companies is India's largest spender on Research and Development (with R & D expenditure expressed as a percentage of sales)
[1] Ranbaxy Labs [2] Cipla [3] Tata Motors [4] BHEL
73. Which of the following is incorrectly matched?
(a) Fortis Health care and Escorts Shivinder Mohan Singh
(b) Wockhardt Hospitals– Habil Khorakiwala
(c) Max Health care – Analjit Singh
(d) Apollo Hopitals – Pratap C. Reddy
[1] (d) [2] (b) and (c) [3] All of the above [4] none of the above
74. Warbug Pincus, one of the biggest private equity investors in India has its headquarters in:
[1] Hong Kong [2] France [3] New York [4] China
75. U. S. based retail giant, Wal Mart has signed an MOU with which Indian Company?
[1] Bharti enterprises [2] Tata Sons [3] Reliance [4] Pantaloon
76. Picktheodd one out:
[1] C. Rangarajari [2] M. Damodaran [3] Bimal Jalan [4] Y. V. Reddy
77. Which of the following is/are true:
(a) CorusCEO—PhillippeVarin
(b) Corus CEO—Benjamin Steinbruch
(c) CSN CEO-----Phillippe Varin
(d) CSN CEO—Benjamin Steinburch
[1] (a) and (d) [2] (b) and (c) [3] Only (b) [4] None of these
78. Among the first establishments to be sealed in Delhi in the drive against commercial use of residential space was the office of:
[1] TRAI [2] IRDA [3] PFRDA [4] AMFI
79. A leading foreign pharmaceutical company which has not set up an R and D centre in India is :
[1] Johnson and Johnson [2] Novartis [3] Atlanta [4] Astra-Zeneca
80. Which of the following is/are true ?
(a) Nokia has 33% of the global market share and 77% of the Indian market
(b) Motorola has 22% of the global market share and 10% of the Indian market
(c) Nokia has 77% of the global market share and 33% of the Indian market
(d) Motorola has 10%of the global market share and 22% of the Indian market
[1] (a) and (b) [2] Only(a) [3] (b) and (c) [4] None of these
81. The consultant for the Air India and Indian merger is:
[1] PWC [2] KPMG [3] JWT [4] Accenture

82. The Bombay stock exchange's Banker index which included SBI, ICICI Bank and HDFC Bank, Mirrors how many stocks?
[1] 18 [2] 30 [3] 100 [4] None of these
83. Which of the following is not true?
[1] Jeffery Skilling, Enron corporation's former CEO, was convicted on 19 counts of fraud, conspiracy and insider trading
[2] He was ordered to pay about a \$ 100 million dollars in restitution for his role in the securities fraud
[3] Enron's bankruptcy wiped out more than 5000 jobs and at least \$ million in retirement funds
[4] Enron's bankruptcy is the second largest in the U. S. after the collapse of world Com Inc.
84. Hero Honda has announced plans to set up a 1.5 million units a year plant in
[1] Haridwar, Uttaranchal [2] Pantnagar, uttaranchaj
[3] Daruhera, Haryana [4] Jaipurs, Rajasthan
85. Nirulas, the popular fast food chain in Delhi has been taken over by a company from:
[1] U. S. [2] China [3] Malaysia [4] Thailand
86. Which of the following has not been acquired by Tata Tea?
[1] EBI [2] Good Earth
[3] Eight O' Clock Coffee [4] None of these
87. On-line purchases in India 2005-06 have since, 2004-05.
[1] doubled [2] trebled [3] quadrapled [4] inpreased tenfold
88. Which of the following is not correctly matched?
[1] Ajay Singh–Spice jet' [2] Naresh Goyal–Jet Airways
[3] Nusli Wadia–Go Air [4] Vishwapati Trivedi–Indian
89. Institute of Finance, Banking and Insurance has been setup by
[1] ICICI and NIC [2] ICICI and NHT
[3] Govt. of India [4] None of these
90. "The most valuable player award" at the Asian Games 2006 went to:
[1] Jaspal Rana [2] Hu Jwan Ta [3] Leander Paes [4] None of these
91. Which of the following is incorrectly matched?
Winner of Nobel Prize in economics Nationality
[1] EdmundC.Phelps U. S. A
[2] Robert Mundell Canada
[3] Harry M. Markowitz Germany
[4] Gunnar Myrdal Sweden
92. Which of the following is a water soluble vitamin?
[1] D [2] E [3] A [4] C
93. Which of the following pairs is incorrect ?
[1] Tripura-----Agartala [2] Nagaland-----Kohima
[3] Mizoram-----Aizwal [4] Assam-----Guwahati,

94. Wikipedia, the web based free content encyclopedia was created by:
[1] Larry Sanger and Jimmy Wales
[2] Larry Wales and Jimmy Sanger
[3] Atticus Finch and Harper Lee
[4] None of the above
95. The co-creator of "Tom and Jerry," Joseph Barbera who passed away recently, started his working life as a:
[1] Telephone operator [2] Painter [3] Janitor [4] None of the above.
96. Kiran Desai won the Booker Prize for her novel, "The Inheritance of Loss." This was her:
[1] Second novel [2] First novel [3] Third novel [4] Fourth novel
97. Who, amongst the following is not a playback singer for the film 'Rang De Basanti'?
[1] Amir Khan [2] Asha Bhonsle [3] Harshdeep Kaur [4] Mohit Chauhan
98. Albert Camus, Nobel Laureate for Literature and author of the celebrated "The Outsider" has not written which of the following:
[1] The Plague [2] The Fall [3] The Loner [4] The Rebel
99. Which of the following is not a holy site in "Jerusalem"?
[1] Haram Al Sharif/Temple Mount [2] Walling Wall
[3] AlAqsa Mosque [4] HalaSultanTekke
100. Afghanistan's Hamid Karzai has studied in which Indian University?
[1] Aligarh Muslim University [2] Banaras Hindu University
[3] Jawahar Lal Nehru University [4] Himachal Pradesh University
101. According to the National Sample Survey (NSS), without the use of crop protection products to control insects, weeds, and diseases, crop yields per acre will drop by more than 50 percent. The first aerial application of insecticide occurred in 1991, and it was a huge success. By contrast, in today's economy all aircraft that are classified as aerial applicators do more than just apply insecticide; today, they From the Information given above, it CANNOT be validly concluded that:
[1] in today's economy, if an aerial applicator is used, then it will be able to spread seed and to apply fertilizer.
[2] according to the NSS, if crop yields per acre never drop by more than 50 percent, then crop protection products have been used to control insects, weeds, and diseases
[3] In today's economy, any aircraft that can be used to apply fertilizer cannot be classified as an aerial applicator
[4] in 1991, if an aircraft was used for the application of insecticide, then it was not also used to spread seed.
102. No national productivity measures are available for underground industries that may exist but remain unreported. On the other hand, at least some industries that are run entirely by self-employed industrialists are included in national productivity measures.

From the information given above, it can be validly concluded that:

- [1] there are at least some industries run entirely by self-employed industrialists that are underground industries
[2] no all industries that are run entirely by self-employed industrialists operate underground.
[3] not all industries that are run entirely by self-employed industrialists are included in national productivity measures.

[4] there are at least some industries run entirely by self-employed industrialists that are not underground industries.

103. In Noida, a political candidate who used radio advertising was found to get maximum name recognition.

The statement above logically conveys which of the following ?

- [1] Radio advertising is the most important factor in political campaigns in Noida
- [2] Maximum name recognition in Noida will help a candidate to win a higher percentage of votes cast in the city.
- [3] Radio advertising reaches every demo-graphically distinct sector of the voting population of Noida.
- [4] For maximum name recognition a candidate need not spend on media channels other than radio advertising.

104. The rate of violent crime in this state is up 30 percent from last year. The fault lies entirely in our system of justice. Recently our judges' sentences have been so lenient that criminals can now do almost anything without fear of a long prison term.

The argument above would be weakened if it were true that:

- [1] 85 percent of the other states in the nation have lower crime rates than does this state
- [2] white-collar crime in this state has also increased by over 25 percent in the last year
- [3] 35 percent of the police in this state have been laid off in the last year due to budget cuts.
- [4] polis show that 65 percent of the population in this state opposes capital punishment.

105. The increase in the number of newspaper articles exposed as fabrications serves to bolster the contention that publishers are more interested in boosting circulation than in printing the truth; Even minor publications have staff to check such obvious fraud.

The argument above assumes that:

- [1] newspaper stories exposed as fabrication are a recent phenomenon
- [2] everything a newspaper print must be factually verifiable.
- [3] fact checking is more comprehensive for minor publications than for major ones.
- [4] the publishers of newspapers are the people who decide what to print in their newspapers.

106. Time and again it has been shown that students who attend colleges with low faculty/student ratios get the most well-rounded education. As a result, when my children are ready to attend college. I'll be sure they attend a school with a very small student population.

Which of the following, if true, identifies the greatest flaw in the reasoning above?

- [1] a low faculty/student ratio is the effect of a well-rounded education, not its source.
- [2] Intelligence should be considered the result of childhood environment, not advanced education.
- [3] a very small student population does not by itself; ensure a low faculty/student ratio.
- [4] Parental desires and preferences rarely determine a child's choice of a college or university.

107. All German philosophers, except for Marx, are idealists.

From which of the following can the statement above be most properly inferred.

- [1] Except for Marx, if someone is an idealist, then he or she is a philosopher, as long as he German
- [2] Marx is the only non-German philosopher who is an idealist.
- [3] If a German is an idealist, then he or she is a philosopher, as long as he or she is not Marx.
- [4] Aside from the philosopher Marx, if someone is a German, then he or she is an idealist.

108. Bill earns more commission than does Sandra. But since Andrew earns more commission than does Lisa, it follows that Bill earns more commission than does Lisa.

Any of the following, if introduced into the argument as an additional premise, makes the argument above logically correct **EXCEPT**:

- [1] Andrew earns more commission than Bill
- [2] Sandra earns more commission than Lisa
- [3] Sandra earns more commission than Andrew
- [4] Sandra and Andrew earn the same amount of commission

109. During the SARS days, about 23,500 doctors who had treated SARS sufferers died and about 23,670 doctors who had not engaged in treatment for SARS sufferers died. On the basis of those figures, it can be concluded that it was not much more dangerous to participate in SARS treatment during the SARS day than it was not to participate in SARS treatment.

Which of the following would reveal most clearly the absurdity of the conclusion drawn above?

- [1] Counting deaths among doctors who had participated in SARS treatment in addition to deaths among doctors who had not participated in SARS treatment.
- [2] Expressing the difference between the numbers of deaths among doctors who had treated SARS sufferers and doctors who had not treated SARS sufferers as a percentage of the total number of deaths.
- [3] Separating deaths caused by accidents during the treatment to SARS sufferers from deaths caused by infect of SARS suffers.
- [4] Comparing death rates per thousand members of each group rather than comparing total numbers of deaths.

110. In 2003 an airline in United State lost more than half, on average, of the foreign passengers thy had previously-served each year. Researchers have .alleged that this, extreme drop resulted from a rise in price of tickets for, international lines from \$60 to \$90 per; 1,000 miles.

Which of the following, if feasible, offers the best prospects for alleviating the problem of the drop in passengers as the researchers assessed it?

- [1] Cooperating with other airlines to providing more international lines.
- [2] Allowing foreign passengers to pay the same as the previous international line
- [3] Reemphasizing the goals and mission of the airline as serving both domestic passengers and foreign passengers
- [4] Increasing the financial resources of the airline by raising the ticket price for domestic passengers.

111. Our work proves to be very successful. In the past three years, each of our five clients has experienced the fastest growth of sales in their history. Therefore, if your company wants to increase sales, do not hesitate to call Sigma & Max, since we are the solution.

Which of the, following, if true, most seriously jeopardizes the validity of the argument by the speaker above ?

- [1] Most of the consultants at Sigma & Max hold MBA degrees.
- [2] Even without the help of Sigma & Max, the five clients of sigma & Max will achieve the same growth rate in sale.
- [3] Sigma & Max is one of the five leading management consulting companies.
- [4] Sigma & Max uses an updated accounting approach to help companies to cut cost.

112. A life insurance company allows people to prepay their endowment insurance at current rates. The policyholder then pays the premium every year. People should participate in the program as a means of decreasing the cost for their living after retirement.

Which of the following, if true, is the most appropriate reason for people NOT to participate in the program

- [1] peoples are unsure about which insurance company they will choose after retirement.
- [2] The amount of money accumulated by putting the prepayment funds in an interest-bearing accounts today will be greater than the total cost of insurance when they retire.
- [3] The annual cost of premium is expected to increase at a faster rate than the annual increase in the cost of living.
- [4] Some of the insurance companies are contemplating large increases in premium next year.

Directions (Qs.113 & 114) : are based on the following passage.

If highways were restricted to cars and only those truck with capacity of less than 8 tones, most the truck traffic would be forced to run outside highway. Such a reduction in the amount pf truck traffic would reduce the risk of collision in highway

113. The conclusion draw in the first sentence depends on which of the following assumptions ?
- [1] The roads outside highway would be convenient as highway for most drivers of truck.
 - [2] Most roads outside highways are not ready to handle truck traffic.
 - [3] Most trucks that are currently running in Highway have a capacity of more than 8 tons.
 - [4] Cars are at greater risk of becoming involved in collisions than are trucks.
114. Which of the following, if true, would most strengthen the conclusion drawn in the second sentence
- [1] Cars with a capacity of more than 8 tons are already excluded outside highways.
 - [2] Highways are experiencing overcrowded 'traffic primarily because of sharp increases in car traffic
 - [3] Many drivers of trucks would rather buy truck; with a capacity of less than 8 tons than be excluded from highways.
 - [4] Trucks that have a capacity of more than 8 tons cause a disproportionately large number of collisions in highways.
115. The price of purchasing a car in country Q is 120 percent less than the price of purchasing a car m country Y. Even after transportation fees and tariff charges are added, it is still cheaper for a buyer to import car from Country Q 60 Country Y than to buy car in Country Y.

The statements above, if true, best support which of the following assertions?

- [1] Gasoline prices in Country Q are 120 percent below those in Country Y.
 - [2] Importing cars from Country Q to Country Y will eliminate 120 percent of the sales of cars in Country Y.
 - [3] The tariff on a car imported from Country Q to Country Y is less than 120 percent of the price of a car in Country Y.
 - [4] The fee for transporting a car from Country Q to Country Y is more than 120 percent of the price of a car in country Q.
116. In 1992, in USA, 5 percent of every dollar paid in tax went to support the unemployed citizens. In 1998, 8 percent of every dollar paid in tax went to such funds, although that unemployment rate has decreased in 1998 than in 1992.

Each of the following, if true, could explain the simultaneous increase in percent of every dollar paid in tax to support the unemployed citizens and decrease in the number of unemployment rate

EXPECT:

- [1] On average, each unemployed citizen received more money in 1998 than 1992.
- [2] On average people paid less tax in 1998 than in 1992.
- [3] The individuals had paid more tax than did enterprised during this period.
- [4] Income before tax has significantly decreased since 1992.

117. Some thing must be done to stop spam. In early days, people seldom received unsolicited email advertisement; but now that numerous bulk email software and email address finders are developed to collect email address all around the world. Advertisers use email addresses to market their products and even sell such email lists to other advertisers. As a result, almost everyone ever get junk email, and sometimes several and even tens of annoying emails a day. So, relevant anti-spam regulations should be framed to stop unsolicited advertising.

The two portions in boldface play which of the following roles?

- [1] Background that the argument depends on and conclusion that cab be drawn from the argument.
 - [2] Part of evidence that the argument includes, and inference that can be drawn from this passage.
 - [3] pre - evidence that the argument depends on and part of evidence that supports the conclusion.
 - [4] Background that argument depends on and part of evidence that supports the conclusion.
118. Although most of the fastest growing jobs in today's economy will require a college degree, many of the new jobs being created-from home health aide to desktop publisher-require knowledge other than that gained from earning a degree. For workers in those jobs, good basic skills in reading, communication, and mathematics play an important role in getting a job and developing a career,
- [1] skills in reading, communication, and mathematics play an 'important role in developing a career as a desktop publisher.
 - [2] the majority of the new jobs being created require knowledge other than that gained from earning a college degree
 - [3] job as a home health aide will rely more on communication skills than on basic skill in reading and mathematics
 - [4] if a job is one of the fastest growing jobs, it will require a college degree

119. Lou observes that if flight 409 is canceled, then the manager could not possible arrive in time for the meeting but the flight was not canceled. Therefore, Lou concludes, the manager will certainty be on time. Evelyn replies that even if Lou's premises are true his argument is fallacious. And therefore, she adds, the manager will not arrive in time after all.

Which of the following is the strongest thing that we can properly say About this discussion?

- [1] Evelyn is mistaken in thinking Lou's argument to be fallacious, and so her own conclusion is unwarranted
 - [2] Evelyn is right about Lou's argument, but nevertheless her own conclusion is unwarranted.
 - [3] Since Evelyn is mistaken about. Lou's argument, her own conclusion is well supported.
 - [4] Since Evelyn is mistaken about Lou's argument, her own conclusion must be false.
120. Sally has never received a violation from the Federal Aviation administration during her 16-year flying career. Sally must be a great pilot.

Which of the following can be said about the reasoning above?

- [1] The definitions of the terms create ambiguity.
 - [2] The argument uses circular reasoning.
 - [3] The argument works by analogy.
 - [4] The argument is built upon hidden assumptions.
121. The Japanese economic model created strong domestic industries through subsidies from its Ministry of Trade and by closing off competitive foreign firms to its domestic market. This strategy promised to help economic growth by incubating domestic industries. New Japanese industries could count on a known local demand and would be protected from competition by tariffs and other barriers. The program could reduce the amount of imports and therefore improve the nation's balance of trade.

Which of the following, based on the passage above, is a weakness in this economic strategy ?

- [1] A protectionist policy will create animosity among other nations.

- [2] Fast growth of small industries will create a class of millionaires and increase the inequality of income.
- [3] Subsidies and import constraints keep domestic prices high and impose a burden on consumers
- [4] Quotas are more regressive than tariffs.

122. Historically, famines have generally been followed by periods of rising wages, because when a labor force is diminished, workers are more valuable in accordance with the law of supply and demand. The Irish potato famine of the 1840s is an exception it resulted in the death or emigration of half of Ireland's population, but there was no significant rise in the average wages in Ireland in the following decade.

Which one of the following, if true, would LEAST contribute to an explanation of the exception to the generalization.

- [1] Improved medical care reduced the mortality rate among able-bodied adults in the decade following the famine to below pre-famine levels.
 - [2] Eviction politics of the landowners in Ireland were designed to force emigration of the elderly and infirm, who could not work, and to retain a high percentage of able-bodied workers.
 - [3] Advances in technology increased the efficiency of industry and agriculture, and so allowed maintenance of economic output with less demand for labour.
 - [4] The birth rate increased during the decade following the famine and this compensated for much of the loss of population that was due to the famine.
123. Cars are safer than planes. Fifty percent of plane accidents result in death, while only one percent of car accidents result in death.

Which of the following, if true, would most seriously weaken the argument above?

- [1] Planes are inspected more often than cars
 - [2] The number of car accidents is several hundred thousand times higher than the number of plane accidents.
 - [3] Pilots never fly under the influence of alcohol, while car drivers often do.
 - [4] Plane accidents are usually the fault of air traffic controllers, not pilots.
124. The body of anyone infected by virus X will, after a week, produce antibodies to fight the virus; the antibodies will increase in number for the next year or so. There is now a test that reliably indicates how many antibodies are present in a person's body. If positive, this test can be used during the first year of infection to estimate to within a month how long that person has had the virus.

Which one of the following conclusions is best supported by the statements above ?

- [1] Antibodies increase in number only until they have defeated the virus.
 - [2] Without the test for antibodies, there is no way of establishing whether a person has-virus X.
 - [3] Antibodies are produced only for viral infections that cannot be fought by any other body defenses.
 - [4] Anyone infected by virus X will for a time; fail to exhibit infection if tested by the antibody test.
125. Ever since I arrived at the college last week, I've been shocked by the poor behavior of the students. The population is completely lacking in proper social skills.

Which of the following, if true, would weaken the above conclusion?

- [1] Students who are away from their parents often exhibit rude behavior.
- [2] The college numbers over 50,000 students
- [3] The narrator is a student and has interacted with many students.
- [4] Social skills should not be expected of college students.

126. A study of a math program implemented in several pre-schools indicates that children who received the specialized Math Plus math education between the ages three and five had significantly higher math scores in 3rd and 4th grade than their classmates who did not receive this instruction. The proponents of the math argue that the introduction of this program for all children age three to five will significantly improve their chances for success in school.

Which of the following, if true, would most seriously weaken the above argument ?

- [1] Most parents send their children to preschool for social development and do not have a clear idea about what types of education they want for their children.
 - [2] Cognitive abilities of 3 - to 5 -year - old children are constantly changing.
 - [3] The children in the pre-schools that were studied had previously been exposed to another math enrichment program.
 - [4] Children are not really interested in enrichment programs in preschool.
127. The symptoms of mental disorders are behavioral, cognitive, or emotional problems. Some patients with mental disorders can be effectively treated with psychotherapy, but it is now known that in some patients' mental disorders result from chemical imbalances affecting the brain. Thus, these patients can be effectively treated only with medication that will reduce or correct the imbalance.

The argument depends on assuming which one of the following?

- [1] Treatment by psychotherapy can produce no effective reduction in or correction of chemical imbalances that cause mental disorders.
 - [2] Treatment with medication always show faster results for patients with mental disorders than does treatment with psychotherapy
 - [3] Most mental disorders are not the result of chemical imbalance affecting the brain.
 - [4] Medication is always more effective in treating patients with mental disorders than is psychotherapy.
128. **Dear Editor :** I feel obliged to comment on the unfair review you published last week written by Robert Duxbury. Your readers should know that Mr. Duxbury recently published his own book that covered the same topic as my book, which you asked him to review. It is regrettable that Mr. Duxbury should feel the need to be little a competing work in the hope of elevating his own book.

The author of the letter above makes her point by employing which method of argument ?

- [1] Attacking the motives of the author of the unfavorable review.
 - [2] Attacking the book on the same topic written by the author of the review.
 - [3] Contrasting her own book with that written by the author of the review.
 - [4] Questioning the judgment of the author of the unfavorable review.
129. The government of Zunimagua has refused to schedule free elections, release political prisoners, or restore freedom of speech; therefore, no more financial aid from the United States should be provided to Zunimagua.

Which of the following is an assumption made in the argument above ?

- [1] Withdrawal of U. S. aid from Zunimagua will force a change in the policies of its government.
 - [2] The people of Zunimagua would be better off if their present despotic government were overthrown.
 - [3] The government of Zunimagua is dependent on continued U. S. aid for its existence.
 - [4] U. S. aid should be withdrawn from any country that refuses to operate its government along democratic lines.
130. Many people argue that the death penalty deters murder. However, the notorious killer deliberately moved to a state that imposes the death penalty just before embarking on a series of ferocious

murders. Thus, it seems clear that the existence of the death penalty does not serve as a deterrent to murder.

The argument above may best be characterized as:

- [1] an appeal to emotions
- [2] a flawed analogy.
- [3] a general conclusion based on a specific example.
- [4] circular reasoning.

131. Steve and JoAnne are both members of a certain club, though they are not speaking to each other and refuse to work with each other. Cecily, the club president as appointing members to the fund-raising committee, but she has resolved that she will not appoint anyone without his or her explicit consent. Steve tells Cecily, "I will not consent to appointment on that committee unless know whether JoAnne is to be a member of it." And JoAnne says, "I will not consent to be a member of that committee unless I know whether Steve will be appointed to it."

If all three of these people stick by these resolutions, then:

- [1] Neither of them can be appointed to the committee.
- [2] The situation described in the scenario cannot arise, because it is inherently incoherent.
- [3] They must either both be appointed or both be left out.
- [4] Either one of there can be appointed, but not both.

132. Russia's aggressive fishing in the prime fishing grounds of the Northern Pacific has led to a sharp decline in the populations of many fish and a general increase in the retail price of fish. This same pattern has occurred with far too many of our scarce vital natural resources, resulting in high prices for many products. It is likely then, that fish prices will continue to rise in the near future.

In making the argument above, the author relies on all of the following assumptions **EXCEPT**:

- [1] The scarcity of fish is a determining factor in its price.
- [2] The decline in the number of fish available will result in higher prices for fish in stores.
- [3] There will not be any substantial decrease in other costs involved in the fishing process that could keep the price of fish from increasing.
- [4] Fishing practices can substantially influence the demand for fish.

133. During the past year, Boz Corporation, a cigarette manufacturer, has engaged in a "corporate image" advertising campaign. One executive now urges that the advertising be extended for another year because profits have increased by 29% over the previous year. Another executive, however, is skeptical. She observes that the increases are typical for the industry over the past year, although none of their competitors have used corporate image advertising.

The most accurate way of summarizing the second executive's point would be:

- [1] She argues that the effect may not really be due to its supposed cause because there has not been a sufficient lapse of time between the cause and the effect.
- [2] She argues that the assignment of a cause for this effect is premature, because there is a yet no well-established theory of such interactions.
- [3] She argues that corporate image advertising is unprofitable, since it has evidently benefited competitors as much as the corporation that paid for it.
- [4] She argues that the effect may not be due to its alleged cause since the same effect is found elsewhere without that cause.

134. The MPs expressed outrage that few judges have any background in technology, yet they try to; resolve cases involving high tech companies. He stated that not one judge has a degree or any experience in computer technology.

A promising response to this concern arguing that things are not as bad as they might seem, could involve which of the following claims ?

- [1] Most of the public policy questions in this area are really about the morality and the value of scientific and technological; developments. They do not require much; technical understanding beyond that of a layperson.
- [2] Computer scientists, by and large, have little interest in politics and public policy. It would be difficult to find scientists with the degree of commitment required for a serious contributory to the judicial system.
- [3] There is a lack of people who are qualified in both technical and legal areas of: expertise.
- [4] There is very little opportunity for, and indeed little need for, technical expertise in the; judicial branch. There is therefore almost no way for a technical specialist to rise; through the ranks to a top-level position in-government.

135. There has been a sharp increase in the subscription prices of many professional and scholarly journals in the past seven years. Many publishers ascribe the necessity for these increases to the easy availability of photocopying facilities, which enable people simply to copy the articles they want rather than buying the Journal.

Which of the following if it is true, would make this explanation more plausible ?

- [1] The great majority of professional and scholarly journals have a massive backlog of papers awaiting publication.
- [2] Over the past five years there has been a substantial decline in the number of: individual subscriptions to professional and scholarly journals, while library subscriptions have remained fairly stable.
- [3] In the five years immediately preceding the price surge, there was a substantial decline in the number of individual subscriptions to professional and scholarly journals, while library subscriptions remained fairly stable.
- [4] Many libraries have recently begun cutting back on subscriptions to professional and professional and scholarly journals.

136. Smoking in bed has long been the main cause of home fires. Despite a significant decline in cigarette smoking in the last two decades, there has been no comparable decline in the number of people killed in home fires.

Each one of the following statements, if true over the last two decades, helps to resolve the apparent discrepancy above EXCEPT.

- [1] Compared to other types of home fires, home fires caused by smoking in bed usually cause relatively little damage before they are extinguished.
- [2] Home fires caused by smoking in bed often break out after the home occupants have fallen asleep.
- [3] Smokers who smoke in bed tend to be heavy smokers who are less likely to quit smoking than are smokers who do not smoke in bed.
- [4] An increasing number of people have been killed in home fires that started in the kitchen.

137. Mrs. Mason is gifted with psychic powers that enable her to foretell future events. In the past, Mrs. Mason has predicted such actual events as the election of President Clinton, the stock market crash of 1987, and the 'St. Louis. Cardinals' 1982 World Series victory. These are just a few of Mrs. Mason's accurate predictions.

The answer to which of the following questions would be most useful in evaluating the strength of the argument above?

- [1] What percentage of Mrs. Mason's predictions has come true ?
- [2] Could the election of President Reagan have been predicted without the help of psychic powers
- [3] What is the actual mechanism by which Mrs. Mason's psychic powers are supposed to operate ?

[4] How long before the events in question did Mrs. Mason make her accurate predictions?

138. An ingredient in coffee, known as RTC, has been found to inactivate common cold viruses in experiments. In previous experiments, researchers found that inactivated common cold viruses can convert healthy cells into cancer cells. It can be concluded that the use of coffee can cause cancer.

Which one of the following, if true, most seriously weakens the argument ?

- [1] Several teams of scientists performed the various experiments, and all of the teams had similar results.
 - [2] The carcinogenic effect of RTC could be neutralized by the other ingredients found in coffee.
 - [3] When RTC kills common cold viruses it, weakens the immune system, and it might thus diminish the body's ability to fight other viruses, including viruses linked to cancers.
 - [4] If chemists modify the structure of RTC, RTC can be safely incorporated into medicines to prevent the common cold.
139. Jack Bygrave is an executive at a major South African diamond company that produces 2% of the world's total annual diamond production. The CFO is anxious to maximize revenues and increase sales. Bygrave, however, believes that increased production would only drive down the world price of diamonds and lower revenues

Which of the following represents the logical flaw in Bygrave's reasoning ?

- [1] Jack connects the price of unrefined diamonds and the price of jewelry quality diamonds.
 - [2] He assumes that production goals are similar to financial goals.
 - [3] He assumes that the supply produced by a single company can significantly alter the aggregate supply for the market.
 - [4] He assumes that seasonal and long term supplies are proportional.
140. The crux of creativity resides in the ability to manufacture variations on a theme. If we look at the history of science, for instance; we see that every idea is built upon a thousand related ideas. Careful analysis leads us to understand that what we choose to call a new theme or a new discovery is itself always and without exception some set of variation, on a deep level, of previous themes.

If all of the statements in the passage are, true, each of the following must also be true **EXCEPT**.

- [1] A lack of ability to manufacture a variation on a previous theme connotes a lack of creativity
 - [2] No scientific idea is entirely independent of all other ideas.
 - [3] Careful analysis of a specific variation can reveal previous themes of which it is a variation.
 - [4] Some new scientific discoveries do not represent, on a deep level, a variation on previous themes.
141. Testifying before the High Court that was investigating changes that cigarette manufacturers had manipulated nicotine levels in cigarettes in order to addict consumers to their products, tobacco executives argued that cigarette smoking is not addictive. The primary reason they gave in support of this claim was that cigarette smoking was not regulated by the Food and Drug Control Department. For the tobacco executives' argument to be logically correct, which of the following must be assumed?
- [1] Substances that are addictive are not regulated by the Food and Drug Control Department.
 - [2] The tobacco executives lied when they claimed that cigarette smoking was not addictive.
 - [3] Some addictive substances are not regulated by the Food and Drug Control Department
 - [4] Substances that are not regulated by the Food and Drug Control Department are not addictive.

142. People should be held accountable for their own behavior, and if holding people accountable for their own behavior entails capital punishment, then so be it. However, no person should be held accountable for behavior over which he or she had no control.

Which of the following is the most logical conclusion of the argument above.

- [1] People should not be held accountable for the behavior of other people.
 - [2] People have control over their own behavior.
 - [3] People cannot control the behavior of other people.
 - [4] Behavior that cannot be controlled should not be punished.
143. There is clear evidence that the mandated use of safety belts had resulted in fewer fatalities over the past five years. Compared to the five-year period prior to the passage of laws requiring the use of safety seats, fatalities of this kind have decreased by 30 percent ?

Which one of the following, if true, most substantially strengthens the argument above?

- [1] The number of serious automobile accidents involving use of safety belts has remained steady over the past five years.
 - [2] Automobile accidents involving use of safety belts have decreased sharply over the past five years.
 - [3] The use of air bags in automobiles has increased by 30 percent over the past five years.
 - [4] Most fatal automobile accidents involving use of safety belts occur in the driveway of their home.
144. Lycopene, glutathione, and glutamine are powerful antioxidants that neutralize the free radicals that are produced in the body as a result of routine bodily processes. An excess of these free radicals in your system causes rapid aging because they accelerate the rate of cellular damage. Aging is simply the result of this damage. Thus, to slow down aging it is necessary to supplement your diet with these antioxidants on a daily basis.

Which of the following, if true, most seriously undermines the author's contention?

- [1] Most persons aren't concerned with the effects of aging until it is too late to do anything.
 - [2] Exercise associated with normal daily activities effectively neutralises and dissipates the free radicals that are produced as a result of routine bodily processes.
 - [3] The cost of antioxidants is exorbitantly high and well beyond the budget of most consumers.
 - [4] Only overweight people who do not exercise on a daily basis are likely to have an excess of free radicals in their systems.
145. Is it wrong for doctors to lie about their patients' illnesses ? Aren't doctors just like any other people we hire to do a job for us? Surely, we would not tolerate not being told the truth about the condition of our automobile from the mechanic we hired to fix it, or the condition of our roof from the carpenter we employed to repair it, Just as these workers would be guilty to violating their good faith contracts with us if they were to do this, doctors who lie to their patients about their illnesses violate these contracts as well, and this is clearly wrong.

The conclusion of the argument is best expressed by which of the following ?

- [1] Doctors who lie to their patients about their illnesses violate their good faith contracts with their patients.
- [2] Doctors often, lie to their patients about their illnesses.
- [3] Doctors are just hired workers like mechanics and carpenters.
- [4] Doctors, like mechanics and carpenters, enter into good faith contracts with us when we hire them.

146. As any economist knows, healthy people pose less of an economic burden to society than unhealthy people. Not surprisingly, then, every Rupee spent by our state governments on prenatal care for undocumented immigrants will save taxpayers of this state three Rupees.
- [1] The state's taxpayers pay for prenatal care of all immigrants.
 - [2] Babies born in this state to undocumented immigrant parents are entitled to infant care benefits from the state.
 - [3] State benefits for prenatal care serve to promote undocumented immigration.
 - [4] Pregnant women who do not receive prenatal care are more likely to experience health problems than other pregnant women.

147. Beautiful beaches attract people, no doubt about it. Just look at Goa's beautiful beaches, which are among the most overcrowded beaches in the country.

Which of the following exhibits an pattern of reasoning most similar to the one exhibited in the argument above ?

- [1] Moose and bear usually appear at the same drinking hole at the same time of day. Therefore, moose and bear must grow thirsty at about the same time.
 - [2] Children who are scolded severely tend to misbehave more often than other children. Hence if a child is not scolded severely that child is less likely to misbehave.
 - [3] This software program helps increase the work efficiency of its users. As a result, these users have more free time for other activities.
 - [4] During warm weather my dog suffers from fleas more so than during cooler weather. Therefore, fleas thrive in a warm environment.
148. Our school district should not spend its money on the new remedial English reading program. After all, our students get all the reading practice they need by studying history and-science.

The argument above depends on which of the following assumptions ?

- [1] The remedial English reading program would not help the students learn history and science.
 - [2] Other reading programs are just as effective but less expensive than the remedial English reading program.
 - [3] The remedial English reading program involves only reading practice.
 - [4] Teaching students history and science is more important than teaching them reading skills.
149. A study of native born residents in Delhi found that two-thirds of the children developed considerable levels of nearsightedness after starting school, while their illiterate parents and grandparents, who had no opportunity for formal schooling, showed no signs of this disability.

If the above statements are true, which of the following conclusions is most strongly supported by them?

- [1] Only people who have the opportunity for formal schooling develop nearsightedness.
 - [2] People who are illiterate do not suffer from nearsightedness.
 - [3] The nearsightedness in the children is caused by the visual stress required by reading and other class work.
 - [4] Only literate people are nearsighted.
150. Newspaper publishers earn their profits primarily from advertising revenue, and potential advertisers are-more likely to advertise in newspapers with a wide circulation, a large number of subscribers and other readers than with other newspapers. But the circulation of the newspaper that is currently the most profitable one in this city has steadily declined during the last two years while the circulation of one of its competitors has steadily increased.

Any of the following, if true, would help explain the apparent discrepancy between the two statements above **EXCEPT:**

- [1] Advertisers generally switch from the most widely circulated newspaper to another one only when the other one becomes the most widely circulated newspaper instead.
- [2] Advertising rates charged by the most profitable newspaper in the city are significantly higher than those charged by its competitors.
- [3] The most profitable newspaper in the city receives revenue from its subscribers as well from advertisers.
- [4] The number of newspaper competing viably with the most profitable newspaper in the city has increased during the last two years.
151. A tank is 7×4 meters wide. At what speed should water run through a pipe 5 cm broad and 4 cm deep so that in 5 hours and 18 minutes water level in the tank rise by 4.5 meters.
 [1] 12 km/hr [2] 10 km/hr [3] 14 km/hr [4] None of these
152. Find the longest pole that can be kept in a room 5 meters long, 4 meters broad and 3 meters high:
 [1] $5\sqrt{2}$ m [2] $6\sqrt{2}$ m [3] $7\sqrt{2}$ m [4] None of these
153. The LCM of two numbers is 12 times their HCF. The sum of HCF and LCM is 403. If one number is 93, find the other.
 [1] 134 [2] 124 [3] 128 [4] None of these
154. A man had two sons. To the elder he heft $\frac{5}{11}$ of his property, to the younger $\frac{5}{11}$ of the remainder, the rest to the widow. Find the share of the sons if the widow gets Rs. 3,600.
 [1] 1,200, Rs.1,000 [2] Rs. 6,600, Rs. 2,000 [3] 7,500, Rs. 1, 000 [4] None of these
155. Two station a and B are 110 km apart on a straight line. One train starts from 'A' at 7 a. m. and travel towards 'B' at 20 km/hr, speed. Another train starts .from 'B' at 8 a. m. and travel towards 'A' at 25 km/hr. speed. At what time will they meet?
 [1] 9 a. m. [2] 10 a. m. [3] 11 a. m. [4] None of these
156. A and B, walk around a circular course 35 km in circumference staring together from the same point if they walk at the speed of 4 and 5 km per hour respectively in the same direction when will. they meet:
 [1] 2 minutes [2] 1 minute [3] 3 minutes [4] None of these
157. If x is 25% less than y, then what percent is y more than x ?
 [1] 29% [2] $33\frac{1}{3}\%$ [3] $16\frac{1}{2}\%$ [4] None of these
158. A discount series of p% and q% on an invoice is the same as a single discount of:
 [1] $\left[p + q + \frac{pq}{100} \right] \%$ [2] $\left(p - q \frac{pq}{100} \right)$
 [3] $100 - \left(p + q + \frac{pq}{100} \right) \%$ [4] None of these
159. Number of least items in a booklet is 'n'. In the first year, there is an increase of (3%inthis number and in the subsequent year there was a decrease of a%. At the end of two years, the items in the booklet are:
 [1] less than n [2] equal to n [3] more than n [4] None of these

160. A dishonest shopkeeper pretends to sell his goods at cost price but using false weights and gains. For a weight of 1 kg he uses:
[1] a weight of 900 gm [2] a weight of 950 gm [3] a weight of 875 gm [4] None of these
161. If $m : n = 2:3$, then the value of $\frac{3m + 5n}{6m - n}$
[1] $\frac{3}{7}$ [2] $\frac{7}{3}$ [3] $\frac{5}{3}$ [4] None of these
162. A shopkeeper mixes two kinds of flour, one costing Rs. 3.50 per kg and the other at Rs. 2.75 per kg. The ratio of first kind of flour to that of the second is:
[1] 1:2 [2] 1:3 [3] 3:4 [4] None of these
163. When income tax is 3 paise in a rupee, a person's net income is Rs. 23,700. What will it be when the income tax is raised to 7 paise?
[1] Rs. 38 [2] Rs. 2,330 [3] Rs. 3,460 [4] None of these
164. Income tax is raised from 4 paise in a rupee but the revenue is increased by 10% only. Find the decrease percent in the amount taxed.
[1] Rs. 12 [2] Rs. 14 [3] Rs. 16 [4] None of these
165. There would be 10% loss if rice is sold at Rs. 5.40 per kg. At what price it should be sold to earn a profit of 20%?
[1] Rs. 7.20 [2] Rs. 7.30 [3] Rs. 7.40 [4] None of these
166. A reduction of 20% in the price of mangoes enables to purchase 12 more at Rs. 15. What was the price of 16 mangoes before reduction?
[1] Rs. 5 [2] Rs. 6 [3] Rs. 7 [4] None of these
167. A man borrows a certain sum and pays it back in 2 years in two equal instalments. If the compound interest is reckoned at 4% and if he pays back annually Rs. 676. Then what is the amount borrowed?
[1] Rs. 1,275 [2] Rs. 1,078 [3] Rs. 1,870 [4] None of these
168. The difference between simple and compound interest on a sum of money at 5% is Rs. 25, the sum is?
[1] 5,000 [2] 10,000 [3] 4,000 [4] None of these
169. A dog takes 4 leaps for every five leaps of a hare, but three leaps of dog are equal to four leaps of hare. Compare their speeds.
[1] 16:15 [2] 17:18 [3] 19:20 [4] None of these
170. A and B enter into a partnership investing Rs. 12,000 and Rs. 6,000 respectively. After eight months C joins them with capital of Rs. 15,000. The share of C in profit of Rs. 45,000 after 2 years will be:
[1] Rs. 13,000 [2] Rs. 12,000 [3] 18,000 [4] None of these
171. $\frac{2}{3}$ rd of a consignment was sold at a profit of 6% and the rest at the loss of 3%. If however there was an overall profit of Rs. 540, the value of consignment was:
[1] Rs. 18,000 [2] Rs. 12,000 [3] Rs. 16,000 [4] None of these
172. $x\%$ of x is the same as 10% of :

- [1] $\frac{x^2}{10}$ [2] $\frac{x}{10}$ [3] $\frac{x^3}{10}$ [4] None of these

173. A vessel has three pipes connected with it, two to supply liquid and one to draw liquid. The first alone can fill the vessel in $4\frac{1}{2}$ hours, the second in three hours and the third can empty it in $1\frac{1}{2}$ hours. If all the pipes are opened simultaneously when the vessel is half full, how soon will it be emptied ?

- [1] $5\frac{1}{2}$ hours [2] $3\frac{1}{8}$ hours [3] $4\frac{1}{3}$ hours [4] None of these

174. The carpeting of a room twice as long as it is broad at the rate of 50 p per square meter costs Rs.12.25 and cost of painting its walls at the rate of 9 p per square meter is Rs.6.30. Find the height of the room.

- [1] 7 meters [2] $3\frac{1}{8}$ meters [3] $4\frac{1}{3}$ meters [4] None of these

175. Find the cost of plastering surface of a well 21 meters deep and 4 meters in diameter at Rs.1.50 per sq. meter:

- [1] Rs.396 [2] Rs.416 [3] Rs.714 [4] None of these

176. The area of grassy plot is 480 sq. m. If each side had been 5 m. longer, the area would have been increased by 245 sq. mts. Find the length of the fence to surround it.

- [1] 87 m [2] 88 m [3] 90 m [4] None of these

177. Find the value of $x^4 + \frac{1}{x^4}$ if $x = 3 + 2\sqrt{2}$.

- [1] 1154 [2] 1024 [3] 1734 [4] None of these

178. Simplify $\frac{\sqrt{5}-\sqrt{3}}{\sqrt{5}+\sqrt{3}}$

- [1] 1 [2] 2 [3] 3 [4] None of these

Directions (Qs.179 to 183): Each of the following problems comprise of a question followed by two statements labelled (a) and (b). Use these statements and generic mathematical knowledge to decide whether the given statements answer the questions. Then mark your answer according to the following:

- [1] If you get your answer from (a) alone but not from
[2] If you get your answer from (b) alone but not from (a)
[3] If you get your answer from (a) and (b) together.
[4] The information is insufficient

179. What is the two digit number whose first digit is 'x', and second digit is The number is grater than9?

- (a) $2x + 3y = 11x + 2y$
(b) Two digit number is a multiple of 19.

180. In a class there are 49 students, all were offered to participate in 3 college activities. A, B, C. 38 of the students opted for at least one of the activities. How many of students opted for exactly two of the activities?

- (a) Twelve of 49 students opted for all the three activities
(b) Twenty of 49 students opted for activity A

181. Shiva own 100 shares of stock 'A' and 150- shares of stock 'B'. What is the total value of each of stocks?
(a) The value of share of stock 'A' is twice the value of each share of stock 'B'
(b) The total value of 4 shares of stock A and 6 shares of stock 'B' is Rs. 750.
182. A list contains 16 consecutive integers. What is the smallest integer in the list ?
(a) If 'x' is largest integer on the list, then $(x + 128)^{1/3} = 4$.
(b) If 'x' is the smallest integer on the list and z is outside the list, then;
183. The price of the book is doubled, then what percentage will the number of books sold decrease:
(a) if current price is Rs. 10.00
(b) for every Rs. 2.5 increase in price, the number of books sold decrease by 10% of the number sold at current price.

Directions (Qs.184 to 190) : Each item is followed by two statements (a) and (b). Answer each question using the following statements.

- [1] If question can be answered by one of the statements alone
[2] If question can be answered by either of the statement alone
[3] If question can be answered by using both together
[4] The question can not be answered using both

184. If n is an integer between 2 and .100 and if is also the square of an integer, then what is the value of V?
(a) n is the cube of an integer .
(b) n is even
185. If l_1, l_2 and l_3 are lines in a plane, is l_1 perpendicular to l_3
(a) l_1 is perpendicular to l_2
(b) l_2 is perpendicular l_3 .
186. John had average score of 85 in three tests. What was John's lowest score ?
(a) John's highest score was 95.
(b) average of John's two highest scores was 92.
187. What is the present age of the mother ?
(a) Father's age is eight years more than the mother's age. Father got married at the age of 28 years.
(b) Present age of the father is 30 years. Four years back, the ratio of mother's age to father's age was 12 : 13.
188. What is the original number ?
(a) Sum of two digits of a number is 10. The ratio between the two digits is 1 : 4.
(b) Product of two digits of a number is 16 and quotient of two digits is.4
189. What is the length of a train which crosses as signal in 2 seconds ?
(a) The speed of the train is 54 kmph
(b) The train crosses a 150 meters long platform in 30 seconds.
190. What is the percentage of families in the state of Kashmir who have an annual income of over Rs. 2, 50,000 and own a boat ?
(a) 28% of all the families in the state have an annual income of over Rs. 2,50,000
(b) 40% of the families in the state with annual income Rs. 2, 50, 000 own a boat

Directions (Qs.191 to 200) : The following questions are accompanied by three statements (a), (b) and (c). You have to determine which statement(s) is/are sufficient necessary to answer the questions.

191. What is the staff strength of company 'X'? If:
(a) male and female employees are in the ratio of 2:3 respectively.
(b) of the officers employees, 80% are males
(c) total number of officers are 132
[1] (a) and (c) only [2] (b) and either (c) or (a) only
[3] All (a), (b) and (c) [4] Question cannot be answered
192. Ritwick, Rohit and Dheeraj invested some money to buy a photocopier, They share the earning In the proportion to the amount invested by them. What is the share of Ritwick, if;
(a) Total earnings on one particular day is Rs. 1,496
(b) Rohit gets Rs. 102 more than Ritwick and Rs. 68 less than Dheeraj
(c) The earning of Rohit and Dheeraj together is Rs. 1,088
[1] Only (a) and (c) [2] Any two of them
[3] Only (a) and (b) [4] (a), (b) and (c) together
193. What is 'R' share of profit in a joint venture, if:
(a) 'Q' started business investing Rs. 80,000
(b) 'R' Jointed him after three months
(c) 'P' joined after four months with a capital of Rs. 1, 20,000 and got Rs. 6,000 as his share of profit
[1] Only (a) and (c) or (b) [2] All (A), (c)
[3] Answer cannot be arrived [4] None of these
194. A customer is given two successive discounts on an article. Find the second discount:
(a) Marked Price of the article is Rs. 600
(b) The First discount is 20%
(c) The selling price of the article is Rs. 400
[1] Only (a) and (b) together [2] Only (a) and (c) together
[3] Only (a), (b) and (c) together [4] All even together are not sufficient
195. A man bought a number of cycles for Rs. 36,000. He kept one for his own use and sold the rest. How many cycles did he buy ?
(a) He sold the rest at the rate Rs. 200 more than he gave for one cycle
(b) He makes a profit of Rs. 2,000 even after including the cost of his own cycle
(c) The second person sells it for Rs. 200 more than the first
[1] (a) either (b) or,(b) [2] Any two of them
[3] Any of them [4] Either (b) or (c)

