

1. c) The second half of the sentence is talking about language, and it is amplifying what has been said before the semicolon. Therefore, the first blank needs to be about language and 'jargon' is specialized language used in a profession. Hazards i.e. risks in a profession is an irrelevant word over here.

2. b) In this passage, statement B makes sense as the start of the passage as the passage informs us about the famous folk singer Odetta and her works in the music industry. Starting the passage mentioning her date of birth and then her works makes logical sense. The other statements should be arranged as per the age they're discussing, thus making option b) the right answer compared to the other options.

3. a) From all the options given, the word in option a) is spelt incorrectly. The correct spelling should be 'Irreverent'.

4. c) The statement is correct as compared to others because the statement is in active voice present tense and there is subject verb agreement and also use of simple grammar is appropriate, whereas in the wrong options there are mistakes related to tense i.e. there is use of past tense or the subject verb don't agree with each other or some simple grammatical mistakes are there.

5. a) Since all the hotels that have pleasant reception staffs will have more satisfied customers, thus, for a hotel to have more satisfied customers, they need not do much else except hire pleasant reception staff. Options b) and d) are irrelevant to the conclusion drawn while option c) says that for satisfied customers, unpleasant staff must be removed, which is not suggested by the main statement.

6. b) The passage is mainly concerned about the dynamic relationship between powerlessness and appropriation in the world today. The example of the circumstances in the past is merely used to demonstrate the notions of powerlessness as a byproduct of modernity are incorrect. Also it suggests a possible outlook that can be adopted to counter the effects of powerlessness.

a) is incorrect as the passage does not develop the relationship between powerlessness and appropriation over of time

c) This is a distorted representation of the purpose of the passage. Appropriation is not judged in terms of powerlessness.

d) The passage is concerned about the relationship between powerlessness and appropriation rather than diffusing the awe of the former.

e) In the passage, the concept of alienation has been given as the standpoint for the concept of Powerlessness. However, this is not the main purpose of the passage.

7. d) The author is of the opinion that capitalism on its own is not responsible for powerlessness. Hence d) is correct.

a) This is incorrect as per the passage.

b) The author does not claim in the passage that the reverse relation is true.

c) This is not the claim of the Marxists.

e) This has been expressed in the passage as a possibility and it is author's opinion. It has got nothing to do with the Marxist thought.

8. c) The author takes a stand in the beginning of the passage. Then he goes on building premises, stating views, and giving an example that support the stand. Hence it is a judgmental style of writing.

a) A descriptive passage is mainly concerned with increasing awareness about a topic whereas here the author presents his own views.

b) Analytical involves citing pros and cons of the issue and comparing it with other possibilities.

d) A comparative passage is mainly concerned with highlighting similarities and differences between two issues.

e) Since the author takes a stand right at the beginning of the passage and follows judgmental style, the passage cannot be factual.

9. d) We have to first identify the role of each statement in their respective arguments. The first statement is claim supporting the conclusion that "In a large world an individual is powerless" However the second statement states that "People typically lived in smaller groups and communities; but smallness is not the same as power". We can infer that "although people lived in small group they were not powerful merely by the virtue of the smallness of their group" Hence "smallness is not powerful" or rather "In a small world an individual is powerless" and this is the conclusion that is the negative of the first statement. The negative of the first statement becomes "In a small world an individual is powerless". Note that while taking a negative of the statement we only negate one parameter.

10. b) It is clearly stated in the passage that "Modernity expropriates--that is undeniable." The rest are all opinions of either the author or others which are disputable.

11. b) a) It is not an accurate description of the passage as the passage does not claim to conquer one with another.

c) It is too generic and does not point to powerlessness or appropriation

d) The passage does not claim that powerlessness is an illusion but merely that modernity does not affect it in the way as believed by most.

12. a) Since it is stated that only houses with proper drainage systems last long, and it also states that the old house on Rickety Street has outlived most other houses on the street, then the old house must be having a proper foundation drainage system. Option b) talks about another street, without appropriate information. Options c) and d) talk about related things, but they are irrelevant to the conclusion drawn. Same can be said about Option E.

13. b) He 'spoke very little' and so he uses few words. Therefore, 'taciturn' is the best word.

14. c)

15. b) The statement is correct as compared to others because the statement is in active voice present and future tense and there is subject verb agreement and also use of simple grammar is appropriate, whereas in the wrong options there are mistakes related to tense i.e. there is use of future perfect tense or the subject verb don't agree with each other or there are some simple grammatical mistakes.

16. c) Option c) is spotted with an error and the rectified statement should be 'is very suitable for'. In the above statement, the word "reliable", which means dependable, is not appropriate, but "suitable" which means apt or fit is correct.

17. a) In this passage, statement A makes sense as the start of the passage as it introduces Aloe Vera, which is amply suggested as it uses the full name of the substance discussed. Statement B and then D logically follow, as they further elaborate on aloe's natural benefits compared to other ointments. Statement C logically should come after statement D as it takes further the topic of aloe's benefits for burns. Thus, option A makes sense as the right answer compared to the other options.

18. a) As the main statement states that removal of all pests from your surroundings will improve the health and sanitation levels, then to be able to improve the health and sanitation levels of your surroundings, you need not do much except remove all pests from your surrounding. Option b) seems to suggest that clean surroundings is the only way to improve health, which is not suggested by the main statement. Options c) and d) are related to the matter but irrelevant to the conclusion drawn so is Option e).

19. b) "However" indicates that the first part of the sentence is contradicted by the second. Therefore, if people once believed that spices preserved food, then the person mentioned found that spices did not preserve food, and in fact the spices were teeming (full of) bacteria etc. that could destroy the food. Oblivious of means unaware of, which cannot be applicable for spices.

20. c) The passage is about stem cell transplant as a method to cure. Hence effectiveness by default can be identified to be a matter of concern. Also, the passage is mainly concerned about the methods of stem cell therapy with regards to safety.

a) This is too generic and does not even state what the technological advancement is.

b) This is one of the concerns but this arises due to the main concern that is the safety of the methods of stem cell. If safety of the patients was the major concern of the passage, then the passage would have included pointers or advice for patients post therapy or such similar matter.

d) The passage mainly talks of the safety aspect of the procedure.

e) The passage talks about the possibilities of stem cell treatment not getting the expected results rather than adverse effects of the stem cell therapy.

21. b) This is evident from the line saying "In fact, the initial patients are part of important safety tests to determine if stem-cell-based tissues are safe and robust enough to live and grow in human patients."

II is true as the passage states that scientists have braced for the worse.

III is incorrect as it is given that it is possible to do without immune protection in the future.

22. b) We can eliminate d) as a rhetoric tone of writing is generally used to persuade whereas this passage is more of a statement of facts. The last line of the passage says that “And that would indeed be something worth seeing.” So the author is hopeful or Optimistic.

a) Clinical means unemotional, this is not true.

c) Benevolent is showing kindness. Any sentence in the passage does not support this answer.

e) Moralistic refers to right or wrong. The passage does not term the actions of the scientists as right or wrong.

23. c) The passage states that the experiment highlighted their unpredictability.

a) Is not a lesson learnt it is the solution.

b) The option wrongly states that during the course of Therapy cautiousness is necessary.

d) This is not stated in the passage.

e) This may be true but it is not a lesson learnt.

24. b) This is not a question that is quoted and left unanswered by the scientists. The passage states that scientists are able to create stem cells from the person himself. However this is not the focus of the original trials.

25. b) The passage is mainly concerned with the positive developments that have happened with respect to Stem Cell Therapy and the safety of the treatment.

a) This does not cover the critical point of the passage

c) It is to be noted that cautious developments does not imply developments about safety. Cautious developments are developments that are well thought about or controlled or kept in check. But this title fails to mention what is the reason behind the cautiousness of developments.

d) This ignores the discussion of safety altogether.

e) This creates a doubt about the Stem Cell therapy, which is not the aim of the passage at all.

26. b) From all the options given, the word in option b) is spelt incorrectly. The correct spelling should be ‘Desiccated’.

27. c) Option c) is spotted with an error and the rectified statement should be ‘particular units of the universe for constituting’. The use of “units about the universe” instead of “units of the universe” makes the above statement incorrect.

28. c) In this passage, statement D makes sense as the start of the passage as it introduces the city named Mecca and its location. Statement A should logically follow statement D as it further elaborates the geographical location of Mecca. Statements C and B should appear as a pair, in that order, as statement C talks about a change in spelling and statement B takes it further by stating what has happened with relation to the spelling change. Thus, option c) makes sense as the right answer compared to the other options.

29. d) Since the main statement states that all builders who construct buildings must keep in mind the norms of the city planning authority for authorizing their construction as legal, hence to able to get clearance certificate to authorize their buildings as legal, builders need not do much else except construct buildings keeping the norms of the city planning authorities in mind. Option a) offers a logic which is not offered in the main statement while options b) and c) poses the need the need to stick to guidelines as necessary, which is again, not suggested in the main statement. Option e) goes totally against the main statement.

30. c) Option c) is spotted with an error and the rectified statement should be 'obstacles in the way of reaching'. The above statement is incorrect because "obstacles by the way" does not fit in the framework of the above statement. Hence "obstacles in the way" is more appropriate.

31. b) Clue: The researchers were unwilling to admit that they were wrong. Therefore they would try to support (buttress) their arguments.

32. b) In this passage, statement C makes sense as the start of the passage because on the whole, the passage explains what ecotourism is. Statement A makes sense as a follow up sentence as it gives another name for ecotourism. Option b) makes sense as the right answer compared to the other options which do not make as much sense in the arrangement. Therefore, option b) is the correct answer.

33. d) LCM of 120, 144 and 164 = $16 \times 9 \times 5 \times 41 = 29520$ sec

So, A, B and C will again meet again at the starting point in 29520 sec

34. b) Let the original cost of oil be Rs. X.

Reduced rate = 46% of X = Rs. 0.46X

$$\frac{560}{0.46X} - \frac{560}{X} = 2$$

$$\frac{1217.39}{X} - \frac{560}{X} = \frac{657.39}{X} = 2$$

$$X = 328.69$$

So, X = Rs. 328.69 per kg

Reduced rate = $0.46 \times \text{Rs. } 328.69 = \text{Rs. } 151.19$

35. d) If she travels from Nagpur to Kanpur then she has 5 routes to travel and from Kanpur to Rampur she has 7 routes to travel. While returning to Nagpur she has 6 routes to travel from Rampur to Kanpur and 4 ways from Kanpur to Nagpur.

Therefore, required number of ways = $5 \times 7 \times 4 \times 6 = 840$.

36. c) The first statement gives us that the exterior angle of the polygon in question is 72° . But unless we receive information about the nature of sides of the polygon we cannot decide on the no. of sides. This can be done however by using the second statement in conjunction with the first. Since the polygon is regular we know the sides are equal. Hence all exterior angles are equal. We also know that the sum of all the exterior angles of a polygon is 360° . Hence number of equal sides possessed by the polygon is $\frac{360}{72} = 6$. The figure is a Hexagon.

37. b) Time taken to travel the first 100 miles = $\frac{100}{50} = 2$ hours. Since time taken for covering the next

100 miles is 2.5 hours, time available for covering the last 100 miles = $6 - 2 - 2.5 = 1.5 = \frac{3}{2}$ hours.

Therefore the average speed for covering the last 100 miles should be $\frac{100}{\frac{3}{2}} = 66\frac{2}{3}$ miles/hour so that

the total time taken for the journey is 6 hours.

38. a) Let the number of boys and girls be $4x$ and $3x$ respectively So total children is $7x$. And out of the 14 children who went outside for playing Let y be boys and $(14 - y)$ be girls.

We also know that after 14 went outside and 4 entered the room, the total number of children will decrease by 10 i.e. the total number of children now is $(7x - 10)$ of which $\frac{3}{5} \times (7x - 10)$ are boys and

$\frac{2}{5} \times (7x - 10)$ are girls.

Thus $4x - y = \frac{3}{5} \times (7x - 10)$

i.e. $x + 5y = 30$ so y can take values from 0 to 5, When $y = 1$, $x = 25$, $7x = 175$

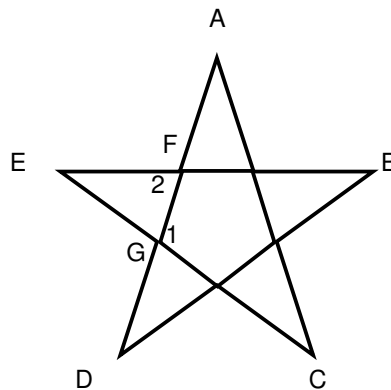
When $y = 2$, $x = 20$, $7x = 140$

When $y = 3$, $x = 15$, $7x = 105$

When $y = 4$, $x = 10$, $7x = 70$

When $y = 5$, $x = 5$, $7x = 35$

39. e)



In triangle ACE, $\angle A + \angle C + \angle 1 = 180^\circ$. But $\angle 1 = \angle E + \angle 2$ (Exterior angle to triangle EFG).

Substituting, we get $\angle A + \angle C + \angle E + \angle 2 = 180^\circ$. Now $\angle 2 = \angle B + \angle D$ (Exterior angle to triangle BFD).

Hence substituting we get, $\angle A + \angle C + \angle E + \angle B + \angle D = 180^\circ$.

Explanation for Questions 40 to 44:

	1957	1958	1959	1960	1961
Equipment	\$80,000	\$1,80,000	\$3,75,000	\$1,00,000	\$1,20,000
Supplies	\$2,40,000	\$4,20,000	\$4,50,000	\$2,00,000	\$3,00,000
Salaries	\$4,80,000	\$6,00,000	\$6,75,000	\$6,50,000	\$7,80,000

40. b) In the year 1958 the increase in salary is $\frac{12}{48} = 25\%$ is the greatest increase.

41. d) Only this can possibly be calculated from the table.

42. e) $(40 \times 8000) + (160 \times y) = 6,50,000$. Therefore, $y = \$2062$. Therefore, none of these.

43. c) In 1957 and in 1959 it is 70% each

44. b) $\frac{(2.4 + 4.2 + 4.5 + 2.0 + 3.0)}{5} = \frac{16.1}{5} = \$322,000$.

45. c) The average height cannot be 6 ft 2 inches if all are more than that. Therefore, only statement III is correct.

46. a) Let x km per hour be the speed of the bus and y km per hour be the speed of the car. From the given information we have the following,

$$\frac{300}{x} + \frac{400}{y} = 9 \dots (1)$$

$$\frac{500}{x} + \frac{200}{y} = 9 \text{ hours} + 20 \text{ mins} = \frac{28}{3} \text{ hours} \dots (2)$$

Solve equations (1) and (2), to get

$$x = \frac{2100}{29} \text{ and } y = \frac{1400}{17}$$

Therefore, ratio of car to the bus is 51 : 58.

47. a) The number of ways Avani is always seated to the right of Shreyash is half of all arrangements.

$$\text{Therefore, } \frac{1}{2} \times {}^4P_2 = 6$$

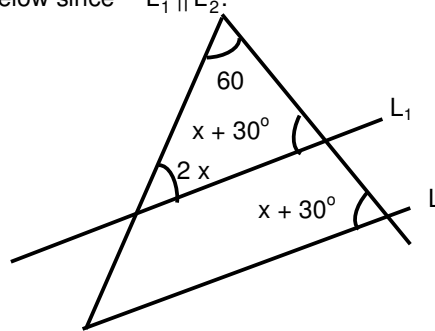
48. e) Each statement has insufficient data and cannot answer the question independently. Even when both statements are taken together, it is not enough to solve the problem. This is because the data has been given in the form of percentages and not actual figures. It is also obvious that there is more than one unknown quantity. Since the answer is indeterminate the right choice is e).

49. d) The water supply does not start until the water level reaches the 5000-gallon mark, which will take 10 hours $\left(\frac{5000}{500}\right)$. Once the level reaches that mark, there is an inflow at the rate of 300 gallons per hour and an outflow at the rate of 500 gallons per hour. So, effective emptying rate will be 200 gallons per hour. At this rate, the tank will be emptied in another 25 hours. So, the total time taken to empty the tank is 35 hours.

50. c) $a + b$ books = \$1,000. Let 1 book = x . $x = \frac{1,000}{a+b} \left(\frac{\$}{\text{book}}\right)$. Myron bought each one for \$1 less.

He paid $\frac{1,000}{a+b} - 1 \left(\frac{\$}{\text{book}}\right)$. Therefore for 12, he paid $\left(\frac{1,000}{a+b} - 1\right) \times 12$.

51. e) Redraw the figure as below since $L_1 \parallel L_2$.



$$2x + x + 30^\circ + 60^\circ = 180^\circ$$

$$3x + 90^\circ = 180^\circ$$

$$3x = 90^\circ$$

$$x = 30^\circ$$

Explanation for Questions 52 to 56:

52. c) From 0 to 20y, both the line and the bar graph fall at the same time.

53. b) 30y. Cases decreased despite increase in temperature.

NOTE: This answer would probably be better stated as 20y – 30y. Please check.

54. b) Since change in km. is constant over the regions, the denominator of the fractions will be the same. Hence we need to compare only the numerators. The change in temperature is least for the region 40y – 50y, as it is constant.

55. e) In the region 10y – 20y, it is $\frac{10}{30} = 33\%$ and in the region 40y – 50y it is $\frac{5}{15} = 33\%$.

56. e) The figures which are given are themselves average figures. To find the average of these we need to know the weights. Therefore, it cannot be determined.

57. d) Let the total expenses be $= A + Bx$, where A and B are constant and x is the no. of students.

$$A + 40B = 40 \times 90 = 3600 \quad \text{-----(1)}$$

$$A + 35B = 35 \times 100 = 3500 \quad \text{----- (2)}$$

Equation (1) – (2), we get

$$5B = 100$$

$$B = 20$$

Substitute the value of $B = 20$ in equation (1), we get

$$A + 40B = 3600$$

$$A + 800 = 3600$$

$$A = 2800$$

Total expense when there are 70 family members,

$$A + 60B = 2800 + 70 \times 20 = 4200$$

$$\text{Cost per head per day} = \frac{4200}{70} = \text{Rs.60}$$

58. d) If XYX is divisible by 2, possible values of X are 2, 4, 6, 8. Accordingly, possible values of Y for each value of X are:

When $X = 2$, Y can be 2, 5, 8

When $X = 4$, Y can be 1, 4, 7

When $X = 6$, Y can be 0, 3, 6, 9

When $X = 8$, Y can be 2, 5, 8

Clearly, lowest possible product of X and Y is 0.

59. e) Answer to this question cannot be determined as volumes for the three items on that day are not known.

60. c) Simply knowing the length of PQ is not sufficient to obtain the length of PC . This is because we do not know which two sides of the triangle are equal. Statement 2 tells us that the triangle is right angled at Q . This however gives us no idea as to the actual length of PC . Hence we need to use both the statements together to reach the length of PC . As Q is right angled $PQ = QC = 7$. Therefore as PC is the hypotenuse then by using Pythagoras theorem we can find the required answer

61. c) $520 = 2^3 \times 5 \times 13 = 2 \times 2^2 \times 5 \times 13$

If we separate out 2 as on factor, we will be able to find out the number of even divisors.
Therefore, number of even divisors = $3 \times 2 \times 2 = 12$.

62. c) Let the amount lent by Mohan to person A be Rs. N

And amount lent to person B be Rs. $(70,000 - N)$

According to condition,

$$\frac{N \times 12 \times 3}{100} + \frac{(70,000 - N) \times 20 \times 3}{100} = 34,215.36$$

$$36N + (70000 - N) 60 = 34,215.36$$

$$36N + 4200000 - 60N = 34,215.36$$

$$- 24N = - 778464$$

$$N = 32,436$$

Therefore, $(70,000 - 32,436) = \text{Rs. } 37,564$ were lent to person B

63. e) If $x : y = 1 : 2$ and $y : z = 2 : 3$, then $x : y : z = 1 : 2 : 3$ and $x : z = 1 : 3$, or $x : z = 2 : 6$.

Given

$$x : y = 1 : 2, \frac{x}{y} = \frac{1}{2} \text{ and } y : z = 2 : 3, \frac{y}{z} = \frac{2}{3}. \text{ Therefore, } \frac{x}{y} : \frac{y}{z} = \frac{1}{2} : \frac{2}{3}, \therefore \frac{y}{z} = \frac{1}{2} \times \frac{3}{2}, \therefore \frac{y}{z} = \frac{3}{4}.$$

Therefore, all the propositions I, II, and III are true.

Explanation for Questions 64 to 68:

64. a) $\frac{(230 - 146)}{(146 \times 12)} \times 100 = 4.79\%$

65. d) $\frac{(146 \times 20)}{100} = 29.2$

66. b) $230 \times 20\% - 146 \times 25\% = 46 - 36.5 = 9.5$.

67. a) $\left[\frac{(230 - 210)}{210} \right] \times 100 = 9.5\%$

68. a) $\left[\frac{(210 - 180)}{180} \right] \times 100 = 16.67\%$ in October.

69. b) As the number is divisible by 66, it is divisible by 2 and hence unit digit is even. The number is divisible by 11 and 2 but not necessarily by 4.

70. c)

Other number = $\frac{(23 \times 496)}{16} = 713$

Therefore, the ratio will be = $\frac{713}{16}$

71. b) 20% have travelled more than two times and 70% have never travelled. Hence 10% should have travelled one or two times.

72. d) Statement 1 gives us that the number n is the product of two different prime numbers. Therefore the factors of the numbers would be 1, the two prime numbers and the number itself, i.e. 4 factors. Thus the answer can be either A or D. From the second statement we get that 8 and our mystery number n are divisible by the same number of positive integers. We know that the factors of 8 are 1, 2, 4, 8, giving us the same answer as statement 1.

73. d) Since both of them used whole number of Gasoline, the distance travelled by Tilda must be a multiple of 34, while the distance travelled by Naomi must be a multiple of 8. Since both of them have travelled equal distance, we are looking out for a common multiple of 34 and 8. The LCM of 34 & 8 is 136.

74. d) Let a, b, c, d be the rates (litre/hr) of filling the tank by 1st, 2nd, 3rd and 4th inlets respectively

As per the problem, if Q is the volume of the tank to be filled, then
 $12(a + b + c) = Q$; $15(b + c + d) = Q$; $20(a + d) = Q$

Solving, we get $d = \frac{Q}{60}$, $a = \frac{Q}{30}$, $b + c = \frac{Q}{20}$

If n minutes are required to fill the tank completely by all the inlets together, then
 $n(a + b + c + d) = Q$

$\Rightarrow n \left(\frac{Q}{20} + \frac{Q}{20} \right) = Q \Rightarrow n = 10 \text{ min}$

Explanation for Questions 75 to 79: The box can be filled as follows.

As per (1) $27\% = 81$, hence total = 300 and no. of silver medals = 219 as per (3) A and C win, 69 medals each per. So we get A has won $(69 - 22) = 47$ silvers and as per (2) C has won $(47 - 27) = 20$ silvers. Hence we can get the total number of Silvers and Gold won by B. Hence the table can be filled as follows.

	Nations			Total
	A	B	C	
Gold	22	10	49	81
Silver	47	152	20	219
Total	69	162	69	300

75. b)

76. a)

77. e)

78. d)

79. c)

80. e) Statement I informs us that the II numbers x and y are prime numbers which is not sufficient to solve the sum. Thus the possible outcomes can be B, C or E. Again the second statement gives us more than 1 value of x and y . This does not give us the value of x and y . When both statements are considered simultaneously, it again gives more than one pair of answers e.g. 2,2 or 2,7

Explanation for Questions 81 to 84:

The given problem has some straight forward clues which can be tabulated as below:

Contestant	A	B	C	D	E
Party			P		
Area	Thane		Ghatkopar		

Now, it is given that candidates of parties S and Q are not powerful in Thane. So only option left is R since candidate of party T is powerful in Mulund. Since B is neither from Vikhroli nor the representative of party T, therefore, B should be powerful in Bhandup which is the only option left. D is not the contestant from the parties S and R which means that he should be the contestant of party T and powerful in Mulund. The contestant of party S is not powerful in Bhandup which further hints candidate of party Q is from Bhandup and E belongs to party S and is powerful in Vikhroli. The entire table is given as follows:

Contestant	A	B	C	D	E
Party	R	Q	P	T	S
Area	Thane	Bhandup	Ghatkopar	Mulund	Vikhroli

81. b)

82. c)

83. e)

84. b) In statement 1, the first part is correct which says that candidate of party S is strong in Vikhroli. But the second part is incorrect. So we can say that statement 1 is neither completely correct nor completely wrong. It is half or partially correct. Similarly, in statement 2, the first part is incorrect whereas the second part which says that B is not from party R is correct. So both the statements are partially true.

85. b) There is no indication of traffic jams outside privately built parking lots.

86. e) Women being better managers than men doesn't make men bad managers and nothing has been mentioned about any previous study.

Explanation for Questions 87 to 89: Here, coding has been done in two steps after the words in the input are given a number each. In the Batch I, the words from the latter half and the first half (starting from the fifth word) are written alternately. In the Batch II, pairs of words at the positions fourth – fifth, third – sixth, second – seventh and first – eighth are written respectively.

In future batches, these two steps are repeated alternately in the following way;

	Input:	1	2	3	4	5	6	7	8
10.00 am	Batch I:	5	1	6	2	7	3	8	4
11.00 am	Batch II:	2	7	6	3	1	8	5	4
12.00 am	Batch III:	1	2	8	7	5	6	4	3
1.00 pm	Batch IV:	7	5	8	6	2	4	1	3
2.00 pm	Batch V:	2	7	4	5	1	8	3	6
4.00 am	Batch VI:	5	1	4	8	7	3	2	6

87. b) 11.00 am is the timing for the second batch and 12.00 noon is the timing for the third batch. Hence, the passcode will be as follows:

11.00 a.m.	he	slowly	recedes	to	his	inner	apartment	Intellect
	2	7	6	3	1	8	5	4
12.00 a.m.	his	he	inner	slowly	apartment	recedes	Intellect	to

1 2 8 7 5 6 4 3

88. d) Here, we know that 3 pm is the timing for the fifth batch.
Hence, the pass code will be as follows.

Batch II:	are	of	clouds	transformed	they	bhakti	the	as
	2	7	6	3	1	8	5	4
	are	of	as	the	they	bhakti	transformed	clouds
	2	7	4	5	1	8	3	6

89. a) 3.00 p.m. and 1.00 p.m. are the timings for the fifth and the fourth batches respectively. Hence, the pass code for the fourth will be as follows:

Batch V:	it	is	only	the	mind	that	creates	problems
	2	7	4	5	1	8	3	6
Batch IV:	is	the	that	problems	it	only	mind	creates
	7	5	8	6	2	4	1	3

90. d) “has prompted” in statement I is based on some other fact, hence may be an inference.

91. a) Since UN has made the observation, India needs to condemn Iran’s move.

92. e) In all three options a), b) and c): R is the brother of T and K is father of T. Hence, R is the son of K.

Option d) cannot be possible, as how can R be both mother of M and brother of T.

93. c) a) is incorrect because, 53 is X and not N.

b) is incorrect because, 86 is M and not O

d) is incorrect because, 24 is Z and not A

94. b) Only 3 pairs (5, 3), (3, 8), (4, 7)

95. a) Divide the word into two halves: PATHO, LOGIST

Replace all the letters in the first half by the next letters in the alphabet; replace all the remaining letters by the previous letters. Hence, QBUIP, K, NFHRS

Now, keep the middle letter as it is and arrange the first and the second half in reverse order to get the code. PIUBQ, K, SRHFN

Applying the same logic to CONTROVERSY, we get CONTR, O, VERSY becomes DPOUS, N, UDQRX

Then, arranging them in the given order gives: SUOPDNXRQDU

96. d) In each of options a), b), c) and e), the first word eliminates the second. For eg. Food eliminates Hunger. This is not the case with option d).

97. e) Neither of the conclusions follows from the two given statements.

98. b) Statement B acts as the direct cause for statement A.

Explanation for Questions 99 to 102:

Since the bowling spell of fast bowlers cannot be interrupted in between by any other bowler, let us denote their pair as ZI. Also since the bowling spell of spinners cannot be interrupted let us denote their pair as AP. Note that the medium pace bowlers cannot bowl as a pair. i.e. their bowling spells can be interrupted by fast bowlers or spinners. Let us denote Munaf as M and Praveen as Pr.

As far as bowling is concerned, following combinations of bowlers is possible for bowling all the overs.

a) IZ Pr AP M

b) Pr IZ AP M

c) Pr IZ M AP

This is because M cannot bowl before Pr and M and Pr should not bowl one after the other. So only 3 conditions are possible.

The order in which Zaheer and Ishant bowl amongst themselves and Amit and Pragyan bowl amongst themselves is not given.

99. c) Praveen cannot bowl last because Munaf cannot bowl before Praveen. Also Praveen cannot bowl second last because Munaf cannot bowl immediately after Praveen. Rest all bowlers can bowl last.

100. e) The twist in the question lies only in the phrase that - In which position does Munaf and Praveen bowl "Respectively".

2nd option is anyways incorrect. The 1st option would have been correct if their names were swapped. But its not the case. None of the given options satisfy the condition.

101. e) As Zaheer wants to bowl 3rd and since Spinners cannot bowl before fast bowlers, therefore, only possible people who can bowl before Zaheer are Praveen and Ishant. Also if Praveen bowls at 1st position, Munaf can bowl at fourth position. Therefore Amit can bowl at any of the above 3 given positions as the bowling order between 2 spinners is not mentioned.

102. d) Statement 1 satisfies the given conditions hence it is definitely true whereas statement 2 contradicts the given conditions hence it is definitely false. Hence option 4 is correct

103. a)

104. a) Statement A acts as a direct cause for students changing their themes.

105. d) In each of the other numbers, the difference between the last digit and the first digit is the middle digit.

106. e) a) is incorrect because, 78 is D and not N.

b) is incorrect because, 43 is J and not S

c) is incorrect because, 24 is P and not E

d) is incorrect because, 75 is B and not S

107. b) B = 5, O = 7, M = K. Hence, BOMB = 57K5.

108. a)

109. c) Both the courses of action follow.

Explanation for Question 110 to 112: From the data we have : Mr. Bajirao Subedar could either have had Appam or GulabJamun. But since Appam was had by someone else, Mr. Subedar had GulabJamun. So, Appam would have had by Mr. Singh and Modak by Mr. Shetty.

110. c)

111. b)

112. a)

113. c) Both the conclusions follow from the given statements.

114. b)

115. e) Since all the numbers are multiples of 11, if we divide them by 11, we get 2, 3, 6, 8, 14, 22 and 36.

As it is clear, every number is the sum of the previous two, except 6. Hence 66 is the wrong number in the series.

116. d) The correct arrangement is LMZTQ.

117. b) The letter that is immediately to the right of the letter which is seventh to the right of 'W' will be eighth to the right of 'W'.

'W' is the fourth letter from left if alphabets are written in reverse order.

The letter that is eighth to the right of 'W' will be the one that is twelfth from the left i.e. O.

118. e) The letters are E, M, A, L. From these letters we can form the words: MALE, MEAL, LAME.

119. c) Bat is a mammal, rest all are oviparous.

120. a) b) is incorrect because, 42 is P and not O.

c) is incorrect because, 76 is R and not I

d) is incorrect because, 68 is G and not N

Answer Key

Q	A	Q	A	Q	A	Q	A	Q	A
1.	c)	25.	b)	49.	d)	73.	d)	97.	e)
2.	b)	26.	b)	50.	c)	74.	d)	98.	b)
3.	a)	27.	c)	51.	e)	75.	b)	99.	c)
4.	c)	28.	c)	52.	c)	76.	a)	100.	e)
5.	a)	29.	d)	53.	b)	77.	e)	101.	e)

6.	b)	30.	c)	54.	b)	78.	d)	102.	d)
7.	d)	31.	b)	55.	e)	79.	c)	103.	a)
8.	c)	32.	b)	56.	e)	80.	e)	104.	a)
9.	d)	33.	d)	57.	d)	81.	b)	105.	d)
10.	b)	34.	b)	58.	d)	82.	c)	106.	e)
11.	b)	35.	b)	59.	e)	83.	e)	107.	b)
12.	a)	36.	c)	60.	c)	84.	b)	108.	a)
13.	b)	37.	b)	61.	c)	85.	b)	109.	c)
14.	c)	38.	a)	62.	c)	86.	e)	110.	c)
15.	b)	39.	e)	63.	e)	87.	b)	111.	b)
16.	c)	40.	b)	64.	a)	88.	d)	112.	a)
17.	a)	41.	d)	65.	d)	89.	a)	113.	c)
18.	a)	42.	e)	66.	b)	90.	d)	114.	b)
19.	b)	43.	c)	67.	a)	91.	a)	115.	e)
20.	c)	44.	b)	68.	a)	92.	e)	116.	d)
21.	b)	45.	c)	69.	b)	93.	c)	117.	b)
22.	b)	46.	a)	70.	c)	94.	b)	118.	e)
23.	c)	47.	a)	71.	b)	95.	a)	119.	c)
24.	b)	48.	e)	72.	d)	96.	d)	120.	a)