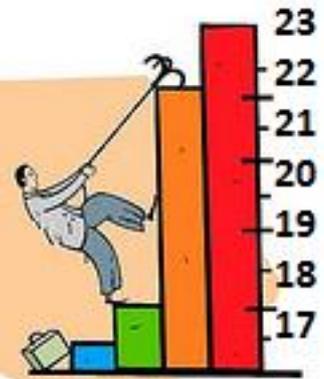


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Symbiosis International University

SNAP TEST 2010

Time: 120 minutes

Sunday December 19, 2010

SNAP ID

Please read the following instructions carefully. Do not open the seal until the Invigilator instructs you to open.

1. Answer OMR Sheet is contained inside the Test Booklet. Make sure that the Answer OMR Sheet is not damaged in any way.
2. Use only a blue/black ball point pen to darken circles in the Answer OMR Sheet.
3. Write your SNAP-Id and darken appropriate circles in the Answer OMR Sheet.
4. The sequence of the sections differs in each Booklet series. However the test structure is as follows,

Sr. No	Sections	Total Marks	No. of questions
1	General English	40	40
2	Quantitative & Data Interpretation & Data Sufficiency	40	40
3	General Awareness: General Knowledge, Current Affairs, Business Scenario	40	40
4	Analytical & Logical Reasoning	60	30
	<b>Total</b>	<b>180</b>	<b>150</b>

5. In the Answer OMR Sheet, darken the circles against the question numbers indicating your answers. For example, if your answer is 2 for a question, then darken as follows:

1      2      3      4  
○      ●      ○      ○

Darken only one circle. If you darken more than one circle against any question, you will score zero mark.

**Use Blue/Black ballpoint pen for filling the OMR sheet. DO NOT use pencil.**

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7. Do not attempt to copy nor allow or help others in copying. Any malpractice will invalidate your candidature.
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11. You may retain this Test Booklet with you.

## SECTION-I

### Quantitative and Data Interpretation and Sufficiency

For all questions in this section, correct answers carry 1 mark each

- In a Retail outlet the average revenue was Rs. 10,000 per day over a 30 day period. During this period the average daily revenue on weekends (total 8 days) was Rs. 20,000 per day. What was the average daily revenue on weekdays?  
(1) 6364    (2) 5250    (3) 6570    (4) 8060
- Two different prime numbers X and Y, both are greater than 2, then which of the following must be true?  
(1)  $X - Y = 23$     (2)  $X + Y \neq 87$   
(3) Both 1 and 2    (4) None of the above
- It takes 6 hours for pump A, used alone, to fill a tank of water. Pump B used alone takes 8 hours to fill the same tank. A, B and another pump C all together fill the tank in 2 hours. How long would pump C take, used alone, to fill the tank?  
(1) 4.8    (2) 6    (3) 5.6    (4) 3
- A swimming pool can be filled by pipe A in 3 hours and by pipe B in 6 hours, each pump working on its own. At 9 am, pump A is started. At what time will the swimming pool be filled if pump B is started at 10 am?  
(1) 11:20 a.m.    (2) 11:05 a.m.  
(3) 11:10 a.m.    (4) 10:50 a.m.
- The sum of prime numbers that are greater than 60, but less than 70 is:  
(1) 128    (2) 191    (3) 197    (4) 260
- Find out the appropriate next number in the series from the options below:  
0, 2, 6, 12, 20, 30, 42, ?  
(1) 56    (2) 62    (3) 49    (4) 5
- A bakery opened with its daily supply of 40 dozen rolls. Half of the rolls were sold by noon, and 60% of the remaining rolls were sold between noon and closing time. How many dozen rolls were left unsold?  
(1) 6    (2) 8    (3) 10    (4) 12
- Stuart, Jack and Leo are colleagues working in a plant. Stuart and Jack can do a work in 10 days, Jack and Leo can do the same work in 15 days while Stuart and Leo can do it in 12 days. All of them started the work together. After two days, Leo was shifted to some other work. How many days will Stuart and Jack take to finish the rest of the work?  
(1) 9    (2) 12    (3) 8    (4) 7.5
- The missing numbers in the below series would be  
1:1, 8:4, 9:27, 64:16, 25:125, ? : ?, 49:343,  
(1) 36 : 316    (2) 216 : 36  
(3) 316 : 16    (4) 32 : 316
- The difference between the value of a number increased by 25% and the value of the original number decreased by 30% is 22. What is the original number?  
(1) 70    (2) 65    (3) 40    (4) 90
- Running at the same constant rate, 6 identical machines can produce a total of 180 bottles per hour. How many bottles could 15 such machines produce in 30 minutes?  
(1) 225    (2) 300    (3) 250    (4) 350
- A number whose fifth part increased by 4 is equal to its fourth part diminished by 10, is :  
(1) 240    (2) 260    (3) 270    (4) 280

13. Which one of the following numbers will completely divide  $(461 + 462 + 463 + 464)$ ?

- (1) 3            (2) 10            (3) 11            (4) 13

**Directions for questions 14 – 20:** Each of the following questions is followed by two statements. Mark

- (1) - if statement I alone is sufficient to answer the question.  
 (2) - if statement II alone is sufficient to answer the question.  
 (3) - if both statement I and II together are necessary to answer the question.  
 (4) - if both statements I and II together are not sufficient to answer the question.

14. Is 'b' positive?

- (I)  $a + b$  is positive.  
 (II)  $a - b$  is positive.

15. In a general body election, 3 candidates, p, q and r were contesting for a membership of the board. How many votes did each receive?

- (I) p received 17 votes more than q and 103 votes more than r.  
 (II) Total votes cast were 1703.

16. If C1 and C2 are the circumferences of the outer and inner circles respectively. What is C1 : C2?

- (I) The two circles are concentric.  
 (II) The area of the ring is  $\frac{2}{3}$  the area of greater circle.

17. What is the middle number of 7 consecutive whole numbers?

- (I) Product of number is 702800.  
 (II) Sum of the number is 105.

18. Total marks obtained by P, Q, R and S in Mathematics is 360. How many marks did P secure in Mathematics?

- (I) P secured one-third marks of the total of Q, R and S.

(II) Average marks obtained by Q and R are 20 more than that secured by S.

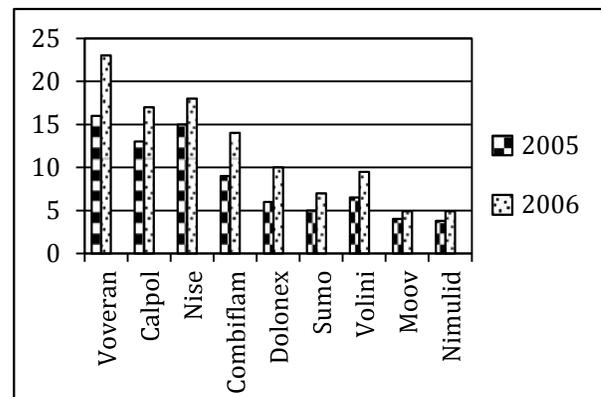
19. How many ice cubes can be accommodated in a container?

- (I) The length and breadth of the container is 20 cm and 15 cm respectively.  
 (II) The edge of the ice cube is 2 cm.

20. Ram got Rs 1500 as dividend from a company. What is the rate of interest given by the company?

- (I) The dividend paid last year was 10%.  
 (II) Ram has 350 shares of Rs 10 denomination.

**Directions for questions. 21 – 24:** Refer to the following bar diagram showing the sales (in Rs. Crores) of top market brands among pain killers in India and answer the questions.



21. What is the difference between the sales of Voveran in 2006 and those of Calpol in 2005 (in Rs lacs)?

- (1) 1000            (2) 50            (3) 100            (4) 500

22. Percentage of increase in sales from 2005 to 2006 is the highest for which brand of a pain killer?

- (1) Voveran            (2) Volini  
 (3) Dolonex            (4) Sumo

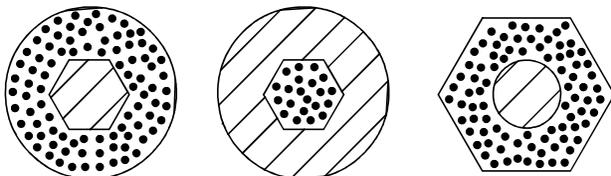
23. Percentage increase in sales from 2005 to 2006 is the lowest for which brand of a pain killer?

- (1) Voveran                      (2) Volini  
(3) Moov                         (4) Nise

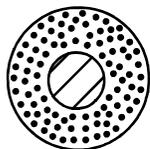
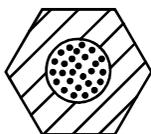
24. What is the approximate percentage of increase in the sales of Voveran from 2005 to 2006?

- (1) 35%      (2) 40%      (3) 45%      (4) 50%

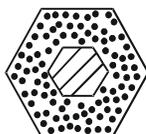
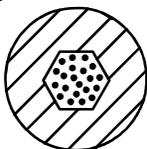
25. Which of the designs best completes the following sequence?



- (1)                                      (2)



- (3)                                      (4)



26. What is the number that is one half of one quarter of one tenth of 400?

- (1) 2                      (2) 5                      (3) 8                      (4) 10

27. Consider a square ABCD with midpoints E, F, G and H of sides AB, BC, CD and DA. Let L denote the line passing through F and H. Consider points P and Q on the line L inside the square such that the angles APD and BQC are both equal to  $120^\circ$ . What is the ratio ABCQPD to the remaining area of ABCD?

- (1)  $4 + \frac{\sqrt{2}}{3}$                       (2)  $2\sqrt{3} - 1$   
(3)  $2 + \sqrt{3}$                       (4)  $(10 - 3\sqrt{3})/9$

28. The Price of Darjeeling Tea (in rupees per kilogram) is  $100 + 0.1n$ , on the  $n^{\text{th}}$  day of a non-leap year ( $n = 1, 2, 3, \dots, 100$ ) and then remains constant. On the other hand the price of Ooty tea (in rupees per kilogram) is  $85 + 0.15n$ , on the  $n^{\text{th}}$  day ( $n = 1, 2, \dots, 365$ ). On which date of that year will the prices of these two varieties of the tea be equal?

- (1) 27<sup>th</sup> October                      (2) 16<sup>th</sup> June  
(3) 15<sup>th</sup> June                         (4) 28<sup>th</sup> October

**Directions for questions 29 – 32:** Each of questions consist of question followed by two statements numbered I and II

Answer (1) if data in Statement I alone is sufficient to answer the question but the data in Statement II alone is not sufficient to answer the question.

Answer (2) if data in Statement II alone is sufficient to answer the question but the data in Statement I alone is not sufficient to answer the question.

Answer (3) if data in Statement I and II together are necessary to answer the question.

Answer (4) if data in Statement I and II together are not sufficient to answer the question.

29.  $\triangle ABC$  and  $\triangle PQR$  are congruent

- (I) Area of  $\triangle ABC$  and  $\triangle PQR$  are same  
(II)  $\triangle ABC$  and  $\triangle PQR$  are right angle Triangles

30. Salary of A and B is in ratio 3:4 and expenditure is in ratio 4:5. What is the ratio of their saving?

- (I) B's saving is 25% of his salary.  
(II) B's salary is Rs 2500.

31. What is the average height of the class?

- (I) Average height of the class decreases by 1 cm if we exclude the tallest person of the class whose height is 56 cm.  
(II) Average height of the class increases by 1 cm if we exclude the shortest person of the class whose height is 42 cm.

32. Ram is taller than Shyam and Jay is shorter than Vikram. Who is the shortest among them?
- (I) Ram is the tallest.  
(II) Shyam is taller than Vikram.
33. In September 2009, the sales of a product were  $(\frac{2}{3})^{\text{rd}}$  of that in July 2009. In November 2009, the sales of the product were higher by 5% as compared to September 2009. How much is the percentage of increase in sales in November 2009 with respect to the base figure in July 2009?
- (1) +40%    (2) - 20%    (3) - 30%    (4) +25%
34. For what range of values of 'x', will be the inequality  $15x - (2/x) > 1$ ?
- (1)  $x > 0.4$   
(2)  $x < 1/3$   
(3)  $-1/3 < x < 0.4, x > 15/2$   
(4)  $-1/3 < x < 0, x > 2/5$
35. How many litres of a 30% alcohol solution should be added to 40 litres of a 60% alcohol solution to prepare a 50% solution?
- (1) 30    (2) 20    (3) 24    (4) 32
36. 66 cubic centimetres of silver is drawn into a wire of 1 mm diameter. The length of the wire in metres will be:
- (1) 84    (2) 90    (3) 168    (4) 336
37. A train 108 m long moving at a speed of 50 km/hr crosses a train 112 m long coming from opposite direction in 6 seconds. The speed of the second train is,
- (1) 48 km/hr    (2) 54 km/hr  
(3) 66 km/hr    (4) 82 km/hr
38. R is a positive number. It is multiplied by 8 and then squared. The square is now divided by 4 and the square root is taken. The result of the square root is Q. What is the value of Q?
- (1) 3R    (2) 4R    (3) 7R    (4) 9R
39. If the length, breadth and height of the room are in ratio 3:2:1. The breadth and height of the room are halved and length of the room is doubled. Then area of the four walls of the room will,
- (1) decrease by 13.64%  
(2) decrease by 15%  
(3) decrease by 18.75%  
(4) decrease by 30%
40. A survey was conducted of 100 people whether they have read recent issues of 'Golmal', a monthly magazine. Summarized information is presented below:
- Only September: 18  
September but not August: 23  
September and July: 8  
September: 28  
July: 48  
July and August: 10  
None of the three months: 24
- What is the number of surveyed people who have read exactly for two consecutive months?
- (1) 7    (2) 9    (3) 12    (4) 14

## SECTION-II

### Analytical & Logical Reasoning

For all questions in this section, correct answers carry 2 marks each

41. Four children A, B, C & D are having some chocolates each.

A gives B as many as he already has, he gives C twice of what C already has and he gives D thrice of what D already has.

Now, D gives  $(1/8)^{\text{th}}$  of his own chocolates to B.

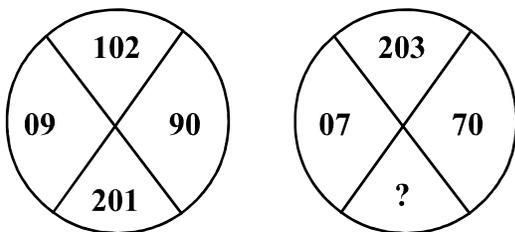
Then A gives 10% chocolates he now owns to C and 20% to B.

Finally, all of them have 35 chocolates each.

What is the original number of chocolates each had in the beginning?

- (1) A - 110, B - 10, C - 10, D - 10  
(2) A - 90, B - 20, C - 20, D - 10  
(3) A - 70, B - 25, C - 25, D - 20  
(4) A - 125, B - 5, C - 5, D - 5

42. There are two similar figures below with some numbers. The left one is complete whereas one number is missing in the right one. Find a suitable number to fill in place of the question mark.



- (1) 280    (2) 303    (3) 362    (4) 382

43. Complete the following series by replacing the?:  
(TBLD, VEPI, XHTN, ?)

- (1) ZJVP    (2) ZVJP    (3) ZKXS    (4) ZKXP

44. In a cricket team, three batsmen Ricky, Sachin and Brian are the top three run-scorers in any order. Each of them gives two replies to any question, one of which is true and the other is false, again, in any order. When asked about who

the top scorer was, following were the replies they gave:

Sachin: I got the top score. Ricky was second.

Brian: I got the top score. Sachin was second.

Ricky: I got the top score. Sachin was third.

Which of the following is the correct order of batsmen who got the top score, second best and third best score respectively?

- (1) Brian, Ricky, Sachin  
(2) Brian, Sachin, Ricky  
(3) Ricky, Sachin, Brian  
(4) Sachin, Brian, Ricky

45. 60 employees in an office were asked about their preference for tea and coffee. It was observed that for every 3 people who prefer tea, there are 2 who prefer coffee. For every 6 people who prefer tea, there are 2 who drink both of tea and coffee. The number of people who drink both is the same as those who drink neither.

How many people drink both tea and coffee?

- (1) 10    (2) 12    (3) 14    (4) 16

46. A clock strikes once at 1 o'clock, twice at 2 o'clock and so on. If it takes 6 seconds to strike at 3 o'clock, how much time will it take to strike at 9 o'clock?

- (1) 24 seconds    (2) 18 seconds  
(3) 20 seconds    (4) None of these

**Directions for questions 47 - 48:** E-1, E-2 and E-3 are three engineering students writing their assignments at night. Each of them starts at a different time and completes at a different time. The digit in their name and the order of their starting and completing the assignment is certainly not the same. The last student to start is the first to complete the assignment.

47. Who is the first student to start writing the assignment?

- (1) E-1 (2) E-2 (3) E-3 (4) Cannot be decided

48. Who is the last student to complete the assignment?

- (1) E-1 (2) E-2 (3) E-3 (4) Cannot be decided

**Directions for questions 49 - 50:** A, B and C are three students from Don School and P, Q and R are three students from Elite School. Q is brighter than R but duller than the Don School student who is brighter than A. The same Don School student is duller than P but is brighter than C.

49. Who is brightest amongst all?

- (1) B (2) P (3) R (4) Cannot be decided

50. Who is the duller amongst the three students from Elite School?

- (1) P (2) Q (3) R (4) Cannot be decided

51. When Rafael entered the class, there were already 10 students in the class. 5 students entered the class between Roger and Rafael. Total 10 students entered after Roger. Exactly how many students are in the class finally?

- (1) 15 (2) 25 (3) 27 (4) Cannot be decided

**Directions for questions 52 – 54:** Arijit, Biplab, Chintan, Debashish, Elangovan, Frederick, Gautam and Himadri are sitting around a circular table. Some information about the order in which they are sitting is available as follows:

- (1) Debashish is sitting opposite to Himadri and to the immediate right of Gautam.  
(2) Elangovan is sitting to the immediate right of Biplab.  
(3) Arijit is sitting opposite Chintan who is not immediately next to Frederick on either side.

52. Who is sitting to the immediate right of Himadri?

- (1) Arijit (2) Debashish

- (3) Elangovan (4) Frederick

53. Who is sitting opposite Biplab?

- (1) Arijit (2) Debashish  
(3) Frederick (4) Himadri

54. Who is to the immediate right of Chintan?

- (1) Arijit (2) Biplab  
(3) Elangovan (4) Himadri

55. Select the alternative that logically follows the two given statements:

Some rocks are not tables  
Some rocks are balloons

- (1) Some tables are not balloons  
(2) Some tables are balloons  
(3) Some balloons are not tables  
(4) None of the above

**Directions for questions 56 – 57:** A, B, C, D and E sit on a long bench. C does not sit next to A or E. A and E have three persons sitting between them.

56. Who is sitting in the middle of the bench?

- (1) B (2) C (3) D (4) None of these

57. Who are sitting at the extreme ends of the bench?

- (1) A & E (2) B & D  
(3) C & E (4) None of these

**Directions for questions 58 – 59:** Observe the chart below and answer the following questions.

I Yearly commission Earned by Five Salesmen.						
	Figures in Rupees					
Year	1990	1991	1992	1993	1994	1995
Salesman						
A	27350	28500	25200	29800	24600	27000
B	26850	27900	27400	28000	28500	29000
C	26200	27900	28200	29100	29400	30000
D	27850	30040	29800	30060	29800	32000
E	28640	29000	28750	30000	29750	29700

58. In the year 1994, the commission earned by salesman D was approximately what percent more of the commission earned by A?

- (1) 18      (2) 82.5      (3) 21      (4) 17

59. In the year 1993, the commission of B was approximately what per cent of the total commission earned by five salesmen that year?

- (1) 30      (2) 20      (3) 40      (4) 80

60. Find the Missing Numbers in the following set

2	4	6	8	10
2	14	34	??	98

- (1) 30      (2) 62      (3) 42      (4) 78

61. There are 6 volumes of books on a rack kept in order (such as, vol. 1, vol. 2 and so on). After some readers used them, their order got disturbed. The changes showed as follows:

Vol.5 was directly to the right of vol.2.

Vol.4 has vol.6 to its left and both were not at Vol.3's place.

Vol.1 has Vol.3 on right and Vol.5 on left.

An even numbered volume is at Vol.5's place.

Find the order in which the books are kept now, from the 4 given alternatives:

- (1) 6, 3, 5, 1, 4, 2      (2) 4, 6, 3, 5, 1, 2  
(3) 3, 4, 1, 6, 5, 3      (4) 2, 5, 1, 3, 6, 4

62. 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 philosopher, then he or she is 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) Marx is not an idealist German philosopher.

63. Ramaswami was studying for his examinations and the lights went off. It was around 1:00 a.m.

He lighted two uniform candles of equal length but one thicker than the other. The thick candle is supposed to last six hours and the thin one two hours less. When he finally went to sleep, the thick candle was twice as long as the thin one.

For how long did Ramaswami study in candle light?

- (1) 2 hours      (2) 3 hours  
(3) 2 hours 45 minutes      (4) 4 hours

64. The numerator and denominator of a fraction is in the ratio 2:3. If 6 are subtracted from the numerator the value of the fraction becomes  $\frac{2}{3}$  of the original fraction. The numerator of the original fraction is,

- (1) 16      (2) 21      (3) 18      (4) 30

65. A person wanted to withdraw X rupees and Y paise from the bank. But cashier made a mistake and gave him Y rupees and X paise. Neither the person nor the cashier noticed that. After spending 20 paise, the person counts the money. To his surprise, he has double the amount he wanted to withdraw.

Find X and Y. (1 Rupee = 100 Paise)

- (1) X = 3, Y = 6      (2) X = 26, Y = 53  
(3) X = 15, Y = 30      (4) X = 9, Y = 36

66. A drawer contains 10 black and 10 brown socks which are all mixed up. What is the fewest number of socks you can take from the drawer without looking and be sure to get a pair of the same color?

- (1) 7 pairs      (2) 7 pieces only  
(3) 10 pieces only      (4) 3 pieces only

67. A placement company has to assign 1000 SW personnel who are skilled in Java and Dot Net to a prospective outsourcing company. He finds that 750 are having Dot Net skills and 450 have Java skills. Some have skills in both Java and Dot Net. Find the numbers who have skills in both Java and Dot Net.

(1) 250      (2) 200      (3) 350      (4) 100

**68.** All good athletes who want to win are disciplined and have a well balanced diet. Therefore, athletes who do not have well balanced diets are bad athletes.

Based on the sentence above which of the statement below strongly supports the view:

- (1) No bad athlete wants to win.
- (2) No athlete who does not eat a well balanced diet is good athlete.
- (3) Every athlete who eats a well balanced diet is good athlete.
- (4) All athletes who want to win are good athletes.

**69.** The numbers in these series are arranged in a triangle which has a logic as shown below. Find the missing numbers shown as (?) from the choices given below:

2  
2 2  
2 4 2  
2 8 ? 2  
2 16 64 16 2  
2 32 1024 ? ? 2

- (1) {16, 32, 64}      (2) {8, 1024, 32}  
(3) {24, 1024, 64}      (4) {16, 32, 64}

**70.** If for a particular value of the variable  $x$ , the following holds good,  $17 = 17x/(1 - x)$ , then compute the value of  $(2x)^*x$ .

- (1) 17      (2) 1      (3) 2      (4) 1/2

## SECTION-III

### General Knowledge

For all questions in this section, correct answers carry 1 mark each

71. Name the jailed Chinese pro-democracy activist who won this year's Nobel Peace Prize for his 'long and non-violent struggle for fundamental human rights in China.'
- (1) Went Xiabo      (2) Wen Jiabao  
(3) Liu Jiabao      (4) Liu Xiaobo
72. Which government is behind the 'The Nalanda Proposal' proposing Nalanda as an ideal site for establishing a 21<sup>st</sup> century learning institution.
- (1) Singapore      (2) India  
(3) U.K      (4) China
73. Jimmy Wales and Larry Sanger are known for founding
- (1) Facebook      (2) Orkut  
(3) Wikipedia      (4) Google
74. The year 2010 is represented in Roman Numerals as
- (1) LLX      (2) MMX      (3) IIXX      (4) CCXX
75. In which country is the seat of the United Nations International Court of Justice?
- (1) France      (2) Norway  
(3) Britain      (4) Netherlands
76. In 1965 Gordon Moore, Co-founder of Intel, made a prediction about the future of computer processing. What does his prediction, known as Moore's Law say?
- (1) As technology continues to advance, computer chips will become obsolete.  
(2) Computer-processing power will double every 18 months to two years.  
(3) There will eventually be no need for transistors in high-tech electronics.  
(4) As the number of transistors increases, computer-processing power will be reduced by half in every two years.
77. 'At 60 miles an hour the loudest noise in this new Rolls-Royce comes from the electric clock. '\_\_\_Who wrote this famous advertising headline?
- (1) David Ogilvy      (2) Walter Thompson  
(3) Leo Burnett      (4) Salman Rushdie
78. His life's motto was 'simple living and high thinking'. He was one of the greatest intellectuals and activists of the 19th century and one of the pillars of the Bengal Renaissance. He was a polymath. Sanskrit pundit, educator, social reformer, writer and philanthropist. Due to his relentless efforts, on 26th July 1856, widow re-marriage was legalized by the then Government of India Who is this towering personality?
- (1) Ishwar Chandra Vidyasagar  
(2) Raja Ram Mohan Roy  
(3) Rabindranath Tagore  
(4) Bankim Chandra Chatterjee
79. Eustace Fernandes, who passed away in early 2010 was the much admired creator of
- (1) Tom and Jerry      (2) Amul Girl  
(3) Air India Maharaja      (4) Snow White
80. Find the mismatch
- (1) Somdev Devvaman      Badminton  
(2) Gagan Narang      Shooting  
(3) Arjun Atwal      Golf  
(4) Anita Sood      Swimming
81. Who designed the new rupee symbol?
- (1) Dilip Chhabria      (2) D.Udaya Kumar  
(3) Tarun Tahiliani      (4) S. Arun Kumar

- 82.** What exactly is cloud computing?
- (1) A way to organize desktop computers.
  - (2) Lightweight software that takes up little space on a hard drive
  - (3) Computing resources that can be accessed on demand, like electricity from a utility
  - (4) The World Wide Web.

**83.** What is NDM-1?

- (1) National Defence Missile 1, developed by Defence Research and Development Organization (DRDO) as a part of the comprehensive missile shield for India.
- (2) A bacterial gene called New Delhi Metallo-lactamase-1, dubbed the 'superbug' because of it being resistant to most antibiotics.
- (3) New Directions in Management I - the first among a series of international conferences on Management, to be inaugurated by Bill Gates in Mumbai in January 2012.
- (4) A vision document on Disaster Management, released by Planning Commission.

**84.** 'Niyamgiri Hills' was in the news because of

- (1) Vedanta's failed mining proposal in the area inhabited by Dongria Kondh tribals.
- (2) The helicopter crash and death of Y. S. Rajasekhara Reddy.
- (3) Headquarters of the Naxalite Red corridor.
- (4) Condé Nast Traveller magazine selected it as the best trekking holiday spot in the world.

**85.** Match the following husband-and-wife team with the awards they have received for exemplary work:

1	Bill and Melinda Gates	i	Right to Livelihood Awards
2	Sankaralingam and Krishnammal	ii	UN Population Award
3	Prakash and Mandakini Amte	iii	Kyoto Prize
4	Peter and Rosemary Grant	iv	Magsaysay Award

- (1) 1 - ii, 2 - i, 3 - iii, 4 - iv
- (2) 1 - ii, 2 - i, 3 - iv, 4 - iii
- (3) 1 - iv, 2 - iii, 3 - ii, 4 - i
- (4) 1 - ii, 2 - iv, 3 - iii, 4 - i

**86.** What is Renminbi?

- (1) It is the official currency of the People's Republic of China (PRC), whose principal unit is the Yuan.
- (2) Low cost car being developed by Volkswagen in China, at prices lower than Nano.
- (3) New aircraft Company floated by Brazil to challenge Boeing and Airbus.
- (4) New currency mooted for the entire ASEAN region like Euro for Europe.

**87.** Embraer is one of the world leaders in the manufacturing of corporate/business jets. Embraer belongs to which country?

- (1) Germany
- (2) Japan
- (3) Brazil
- (4) France

**88.** The Unique Identification (UID) Project, headed by Nandan Nilekani has been renamed as

- (1) Adhaar
- (2) Sambhav
- (3) Sambhandh
- (4) Alekh

**89.** India's first Special Economic Zone dedicated to the Aerospace Industry has been launched at

- (1) Hyderabad
- (2) Hallargi
- (3) Shimla
- (4) Ahmedabad

**90.** The prime purpose of WTO is to promote:

- (1) Financial Support
- (2) Global Peace
- (3) Unilateral Trade
- (4) Multilateral Trade

**91.** On March 5, 2010, which of the following personalities from India is among 19 members chosen by UN chief Ban Ki-moon for a high-level advisory group on Climate Change Financing tasked with mobilizing funds pledged during the Copenhagen meet to tackle global warming?

- (1) Shyam Saran

- (2) Montek Singh Ahluwalia
- (3) Chandrashekhar Dasgupta
- (4) Pradipto Ghosh

92. Prime Minister Manmohan Singh has termed the 11<sup>th</sup> Five Year Plan as:

- (1) India's health plan
- (2) India's poverty eradication plan
- (3) India's rural prosperity plan
- (4) India's education plan

93. Which of the following milestones was achieved by New Zealand Cricket Team Captain Daniel Vettori recently?

- (1) 2,000 runs and 200 wickets in Test Cricket
- (2) 3,000 runs and 300 wickets in One-Day Internationals (ODIs)
- (3) 3,000 runs and 300 wickets in Test Cricket
- (4) 2,000 runs and 200 wickets in One-Day Internationals (ODIs)

94. What is the full form of the term 'NPA' as used in banking environment?

- (1) Not Profitable Assets
- (2) New Potential Accounts
- (3) Non Performing Assets
- (4) Net Performing Assets

95. Which of the following contributes to the highest share of revenue earned by the Government of India?

- (1) Income Tax
- (2) Excise Duty
- (3) Value Added Tax
- (4) Corporate Tax

96. Which country was world's largest exporter with merchandise exports worth \$1.47 trillion in 2008, according to the World Trade Organization?

- (1) USA
- (2) China
- (3) Germany
- (4) Russia

97. Where in India, recently has the Clinton Foundation, founded by former US President Bill

Clinton, firm ed up its plans to set up world's largest solar park (3,000 to 5,000 MW capacity)?

- (1) Bihar
- (2) Orissa
- (3) Gujarat
- (4) Rajasthan

98. Which three public sector lenders have entered recently into a joint venture agreement for setting up a banking subsidiary, India BIA Bank (Malaysia) Bhd, in Malaysia?

- (1) Bank of India, Indian Overseas Bank and Andhra Bank.
- (2) Bank of Baroda, Indian Overseas Bank and Bank of India
- (3) Bank of Baroda, Indian Overseas Bank and Andhra Bank.
- (4) Bank of Baroda, Indian Bank, and Andhra Bank.

99. What is the campaign of Union and State Governments against the Naxalite movement called?

- (1) Operation Red Alert
- (2) Operation Green Hunt
- (3) Operation Cobra Den
- (4) Operation Clean Corridor

100. The instrument used to measure the speed of the wind is

- (1) Altimeter
- (2) Anemometer
- (3) Chronometer
- (4) Dosimeter

101. Which of the following countries is the first in the world to propose a carbon tax for its people to address global warming?

- (1) Finland
- (2) Japan
- (3) Germany
- (4) Australia

102. Amino acids are found in

- (1) Carbohydrates
- (2) Fats
- (3) Proteins
- (4) Vitamins

103. Which among the following is the world's largest milk producing country?

- (1) India (2) China  
(3) The US (4) Germany

**104.** A group of words that share the same spelling and the same pronunciation but have different meanings; e.g. left (opposite of right) and left (past tense of leave)

- (1) Synonyms (2) Homonyms  
(3) Heteronyms (4) Acronyms

**105.** The National Flag of India was designed by

- (1) Mahatma Gandhi  
(2) Jawaharlal Nehru  
(3) Rabindra Nath Tagore  
(4) Pingali Venkayya

**106.** In 1679, Denis Papin, a French physicist, who assisted Robert Boyle, used the latter's scientific discoveries and invented what is today one of the most commonly found kitchen equipment. His invention earned him a membership of the Royal Society of England What was the invention?

- (1) Knife (2) Fork  
(3) Pressure Cooker (4) Stove

**107.** Mr. Ratan Tata refused a job with one of the following companies to join Tata Steel in 1962. Which company was it?

- (1) IBM (2) HUL  
(3) Siemens (4) SKF International

**108.** Which of the following have owned Land Rover brand before Tata Motors?

- (1) BMW (2) British Leyland  
(3) British Aerospace (4) All of the above

**109.** Who is known as 'The Man Who Broke the Bank of England' after he made a reported \$1 billion during the 1992 Black Wednesday UK currency crisis?

- (1) George Soros (2) George W Bush  
(3) Paul Volcker (4) Ben Bernanke

**110.** Who is the current dean of Harvard Business School?

- (1) Nitin Nohria (2) Deepak Jain  
(3) Kim Clark (4) None of these

## SECTION-IV

### GENERAL ENGLISH

For all questions in this section, correct answers carry 1 mark each.

**Directions for questions 111 - 114:** Read the passage and then determine the best choice for an answer from the questions given below. Base your choice on what this passage states directly or implies, not on any information you may have got from elsewhere.

"The emancipation of women", James Joyce told one of his friends, "has caused the greatest revolution in our time."

Other modernists agree: Virginia Woolf, claiming that in about 1910 "human character changed" and illustrating the new balance between the sexes, urged, "Read the 'Agamemnon' and see whether your sympathies are not almost entirely with Clytemnestra". D.H. Lawrence wrote "perhaps the deepest fight for 200 years and more has been the fight for women's independence".

But if modernist writers considered women's revolt against men's domination as one of their "greatest" and "deepest" themes, only recently, perhaps in the past 15 years has literary criticism begun to catch up with it. Not that the images of sexual antagonism that abound in modern literature have gone unremarked-far from it. We are able to see in literary works the perspective we bring to them and now that women are enough to make a difference in reforming canons and interpreting literature, the landscapes of literary history and the features of individual books have begun to change.

**111.** According to the passage, modernists are changing literary criticism by:-

- (1) Noting instances of hostility between men and women
- (2) Seeing literature from fresh points of view
- (3) Studying the works of early twentieth-century writers
- (4) Reviewing books written by feminists

**112.** The author quotes James Joyce, Virginia Woolf and D.H. Lawrence primarily in order to show that:-

- (1) These were feminist writers
- (2) Although well-meaning, they were ineffectual
- (3) Before the twentieth century, there was little interest in women's literature
- (4) None of the above

**113.** The author's attitude towards women's reformation of literary canons can best be described as one of:-

- (1) Ambivalence
- (2) Antagonism
- (3) Indifference
- (4) Endorsement

**114.** Which of the following titles best describes the contents of the passage?

- (1) Modernist Writers and the Search for Equality
- (2) The meaning of Literature from 1910 onwards
- (3) Transforming Literature
- (4) None of the options

**115.** Choose the correct sentence

- (1) A anthropologist by profession, he is also a trained classical singer.
- (2) The anthropologist by profession, he is also a trained classical singer.
- (3) As anthropologist by profession, he is also a trained classical singer.
- (4) An anthropologist by profession, he is also a trained classical singer.

**Directions for questions 116 - 119:** Fill in the blanks and choose the correct definition for the punctuation.

**116.** \_\_\_\_\_ is used to indicate possession.

- (1) Hyphen (2) Apostrophe  
(3) Semi Colon (4) Period

**117.** \_\_\_\_\_ is used to mark the end of declarative and imperative sentences.

- (1) Semicolon (2) Comma  
(3) Dash (4) Period

**118.** When a subordinate clause is followed by the main clause, \_\_\_\_\_ is required.

- (1) Dash (2) Semi-colon  
(3) Comma (4) Colon

**119.** When no connecting word is used to connect two independent clauses, one should use \_\_\_\_\_.

- (1) Comma (2) Semi-colon  
(3) Period (4) Colon

**Directions for questions 120 – 121:** Which is the correct proverb ?

**120.** (1) Sleeping dogs tell lies.  
(2) Dogs sleeping lie till late.  
(3) Lie sleeping dogs till the dawn comes.  
(4) Let the sleeping dogs lie.

**121.** (1) A fool is always parted from his money.  
(2) A fool and his money are parted easily.  
(3) Money and the fool must part ways.  
(4) You can always part a fool from his money.

**Directions for questions 122 – 127:** Choose the correct meaning of the following idioms.

**122.** If someone said, "You are the bomb!" she or he probably would be telling you:

- (1) You have a bad temper.  
(2) You are a war weapon.  
(3) You are exceptional and/or wonderful.  
(4) You are dangerous.

**123.** When someone is described as being "flighty", the person described is probably:

- (1) Light.

- (2) Indecisive and irresponsible.  
(3) Someone who loves flying.  
(4) Someone who flies kites.

**124.** What does "to take down the enemy" mean?

- (1) To take the enemy's pictures off the wall.  
(2) To kill the enemy.  
(3) To make friends with the enemy.  
(4) To ignore the enemy.

**125.** What does, "Dime a dozen" mean?

- (1) For one dime you get a dozen.  
(2) All dozens cost a dime.  
(3) Anything that is common and easy to get.  
(4) It is difficult to get people.

**126.** "Throw the baby out with the bath water" means,

- (1) Clean out everything  
(2) Throw out the good things with the unwanted  
(3) Being thorough  
(4) Create the impression of an accident

**127.** "Bark up the wrong tree" means,

- (1) Skin of another animal  
(2) Behave like a dog  
(3) Purposely make an error  
(4) Make the wrong choice

**128.** I \_\_\_\_\_ my bike yesterday, so my legs are sore.

- (1) road (2) rode (3) rhode (4) ride

**129.** Insulation was fitted to \_\_\_\_\_ further heat loss from the building.

- (1) guard (2) protect (3) save (4) prevent

**130.** A \_\_\_\_\_ rate of inflation makes exports difficult.

- (1) great (2) high (3) large (4) tall

**131.** My boat has two \_\_\_\_\_.

- (1) sales (2) sails (3) sailes (4) sells

132. Can you give me \_\_\_\_\_ details, please?

- (1) faster (2) further (3) farther (4) furthur

133. A baby deer is called a \_\_\_\_\_.

- (1) Foal (2) Fawn (3) Calf (4) Joe

**Directions for questions 134 – 135:** Complete the sentence by choosing the correct words from the given alternatives.

134. The greatest \_\_\_\_\_ of my generation is that a human being can alter his life by \_\_\_\_\_ his attitude.

- (1) gift ... gifting  
(2) discovery ... altering  
(3) misgiving ... elevating  
(4) thing ... flaunting

135. When it comes to staying \_\_\_\_\_, a mind-lift beats a \_\_\_\_\_ any day.

- (1) young ... face-lift (2) at home ... egg  
(3) light ... elevator (4) away ... sleep

136. None are so \_\_\_\_\_ as those who are full of themselves.

- (1) empty (2) important  
(3) vital (4) indispensable

137. Your most unhappy customers are your greatest source of \_\_\_\_\_.

- (1) earning (2) irritation  
(3) worry (4) learning

138. Choose the correct **antonym** for the word below from the options provided.

‘Eulogize’

- (1) Extol (2) Criticize (3) Emulate (4) Amulet

139. Correct synonym for **Pedantic** is,

- (1) Referring to small children  
(2) Teaching Methodology  
(3) Finicky

(4) Angry

140. **Pyrophobia** means

- (1) Fear of Pythons (2) Fear of funeral pyres  
(3) Fear of fever (4) Fear of fire

**Directions for questions 141 – 142:** Choose the kangaroo word that carries a smaller version of the word with a very similar meaning:

141. (1) Masculine (2) Woman  
(3) Man (4) Child

142. (1) Sleep (2) Respite (3) Walk (4) Talk

**Directions for questions 143:** Choose the word that completes the first and begins the second word.

143. Paper \_\_\_\_\_ and \_\_\_\_\_ lifter

- (1) cone (2) weight (3) light(4) fly

**Directions for questions 144 – 145:** Choose the word that cannot be coupled with the given word to form a new word.

144. Out

- (1) Shine (2) Number  
(3) Bug (4) Run

145. News

- (1) Letter (2) Week  
(3) Stand (4) Paper

146. I did not see you \_\_\_\_\_ the office party.

- (1) in (2) for  
(3) at (4) on

**Directions for questions 147 – 148:** Fill in the blanks with the correct simile.

147. As cool as

- (1) a cucumber (2) the winter night  
(3) an ice cream (4) a rock star

**148.** As fresh as

(1) a daisy

(2) a rose

(3) milk

(4) dew

**149.** Choose the option that does not belong with the rest :

(1) Consort

(2) Spouse

(3) Partner

(4) Clear

**150.** Nerd means

(1) Genius

(2) Uninteresting person

(3) Worm

(4) Arthropod

# ANSWER KEY

Q.	Ans.
1	1
2	2
3	1
4	1
5	1
6	1
7	2
8	4
9	2
10	3
11	1
12	4
13	2
14	4
15	3
16	2
17	
18	1
19	4
20	2
21	1
22	3
23	4
24	2
25	1

Q.	Ans.
26	2
27	2
28	2
29	4
30	1
31	3
32	2
33	3
34	
35	2
36	1
37	4
38	2
39	4
40	2
41	1
42	1
43	3
44	1
45	2
46	1
47	3
48	1
49	2
50	3

Q.	Ans.
51	4
52	1
53	3
54	2
55	4
56	2
57	1
58	3
59	2
60	2
61	4
62	3
63	2
64	3
65	2
66	4
67	2
68	2
69	2
70	4
71	4
72	1
73	3
74	2
75	4

Q.	Ans.
76	2
77	1
78	1
79	2
80	1
81	2
82	3
83	2
84	1
85	2
86	1
87	3
88	1
89	2
90	4
91	2
92	4
93	3
94	3
95	4
96	3
97	3
98	3
99	2
100	2

Q.	Ans.
101	1
102	3
103	1
104	2
105	4
106	3
107	1
108	4
109	1
110	1
111	2
112	3
113	4
114	1
115	4
116	2
117	4
118	3
119	2
120	4
121	2
122	3
123	2
124	2
125	3

Q.	Ans.
126	2
127	4
128	2
129	4
130	2
131	2
132	2
133	2
134	2
135	1
36	1
137	4
138	2
139	3
140	4
141	1
142	2
143	2
144	3
145	2
146	3
147	1
148	1
149	4
150	2

## Detailed Solutions:

1. Total revenue of the month =  $30 \times 10000 = 300000$   
Revenue on weekend =  $8 \times 20000 = 160000$   
 $\therefore$  Revenue on other 22 days =  $300000 - 160000$   
 $= 140000$

$$\therefore \text{Average daily revenue on weekdays} = \frac{140000}{22}$$
$$\approx 6364$$

Hence, **option 1.**

2. Prime numbers  $X$  and  $Y$  are greater than 2, hence, they must be odd.

Difference of two odd numbers is even. Hence, option 1 is definitely false.

Sum of two odd numbers is even. Hence option 2 must be true.

Hence, **option 2.**

3. In 1 hour, pump A and B can fill  $\frac{1}{6}$  and  $\frac{1}{8}$  of the tank respectively.

If C fills  $\frac{1}{x}$  of the tank in 1 hour,

$$\frac{1}{6} + \frac{1}{8} + \frac{1}{x} = \frac{1}{2}$$

$$\therefore x = \frac{24}{5} = 4.8 \text{ hours}$$

Hence, **option 1.**

4. Pipe A can fill the pool in 3 hours and pipe B can fill the pool in 6 hours.

Pump A starts at 9 am and B starts at 10 am.

A alone fills for 1 hour. Let A and B together fill for  $n$  hours after 10 am.

Then

$$\frac{1}{3} + n \left( \frac{1}{3} + \frac{1}{6} \right) = 1$$

$$\therefore n = \frac{4}{3} \text{ hours} = 1 \text{ hour and 20 minutes.}$$

Hence, pool will be filled by 11:20 am

Hence, **option 1.**

5. 61 and 67 are the only prime numbers that are greater than 60 and less than 70.

$$\therefore \text{Sum of these numbers} = 61 + 67 = 128$$

Hence, **option 1.**

6. The difference between two consecutive numbers of the series is 2, 4, 6, 8, 10, 12, ...

Note that these differences are in A.P. with the common difference being 2.

$$\therefore \text{Next term} = 42 + 14 = 56$$

Hence, **option 1.**

7. Number of rolls initially = 40 dozens.

After selling half the rolls, the number of rolls left = 20 dozen

Now, between noon and closing time 60% of the remaining rolls were sold.

Hence, 40% of 20 dozen rolls = 8 dozen rolls were left unsold.

Hence, **option 2.**

8. Let Stuart finish the work in  $s$  days, Jack in  $j$  days and Leo in  $l$  days.

$$\frac{1}{s} + \frac{1}{j} = \frac{1}{10}$$

$$\frac{1}{j} + \frac{1}{l} = \frac{1}{15}$$

$$\frac{1}{s} + \frac{1}{l} = \frac{1}{12}$$

$$\therefore 2 \left( \frac{1}{s} + \frac{1}{j} + \frac{1}{l} \right) = \frac{1}{10} + \frac{1}{15} + \frac{1}{12} = \frac{(6 + 4 + 5)}{60} = \frac{1}{4}$$

$$\therefore \frac{1}{s} + \frac{1}{j} + \frac{1}{l} = \frac{1}{8}$$

$\therefore$  Together they can finish  $\frac{1}{8}$ th of work in one day.

For two days they worked together, after which Leo was shifted to some other work.

Let Stuart and Jack take  $n$  days to finish the remaining work.

$$\therefore 2 \times \frac{1}{8} + n \left( \frac{1}{10} \right) = 1$$

$$\therefore n = 7.5 \text{ days}$$

Hence, **option 4.**

9. Consider given series, 1 : 1, 8 : 4, 9 : 27, 64 : 16, 25 : 125, ? : ?, 49 : 343

Note that the  $n^{\text{th}}$  term of the series, if  $n$  is odd =  $n^2 : n^3$   
and if  $n$  is even,  $n^{\text{th}}$  term =  $n^3 : n^2$

Hence, sixth pair will be,  $6^3 : 6^2 = 216 : 36$

Hence, **option 2**.

10. Let  $x$  be the required number.

Now, increasing  $x$  by 25% gives  $1.25x$  and 30% decrease in  $x$  gives  $0.7x$

Now,  $1.25x - 0.7x = 0.55x = 22$

$$\therefore x = \frac{22}{0.55} = 40$$

Hence, **option 3**.

11. 6 machine can produce 180 bottles per hour

Hence, 1 machine can produce  $180/6 = 30$  bottles per hour and 15 bottles in 30 minutes.

$\therefore$  15 machines can produce  $15 \times 15 = 225$  bottles per hour.

Hence, **option 1**.

12. Let the number be  $x$ .

$$\therefore \frac{x}{5} + 4 = \frac{x}{4} - 10$$

$$\therefore 14 = \left(\frac{1}{4} - \frac{1}{5}\right)x$$

$$\therefore x = 20 \times 14 = 280$$

Hence, **option 4**.

13.  $461 + 462 + 463 + 464 = 1850$

Among the given options only 10 divides 1850.

Hence, **option 2**.

14. If  $a = 5$ , and  $b = 3$ , then  $5 + 3 = 8$  is positive and  $5 - 3 = 2$  is positive.

If  $a = 5$  and  $b = -3$ , then  $5 - 3 = 2$  is positive and  $5 - (-3) = 8$  is positive.

Thus  $b$  can be positive or negative irrespective of what sign  $(a + b)$  and  $(a - b)$  take.

Hence, the question cannot be answered using statement I alone or statement II alone.

**Using both the statements together,**

$a + b + a - b$  is positive

i.e.  $2a$  is positive

$\therefore a$  is positive.

Using the same argument as above, we still cannot say anything about the sign of  $b$ .

Hence, **option 4**.

15. Let  $p$ ,  $q$  and  $r$  be the number of votes received by  $p$ ,  $q$  and  $r$  respectively.

**Using statement I alone,**

$$p = q + 17 \text{ and } p = r + 103$$

But this is not sufficient to find the number of votes that each received.

Hence, statement I alone is not sufficient to answer the question.

**Using statement II alone,**

$$\text{Total votes} = 1703$$

But the breakup of these votes is not given

$\therefore$  Statement II is not sufficient to answer the question.

**Using both the statements together,**

$$3p - 120 = 1703$$

Hence,  $p$  can be calculated and hence  $p$ ,  $q$  and  $r$  can be calculated.

Hence, the question can be answered using both the statements together.

Hence, **option 3**.

16. Let  $R$  and  $r$  be the radii of the outer and inner circle respectively.

**Using statement I alone,**

Statement I mentions nothing about the radii of the circles. Hence,  $C_1 : C_2$  cannot be calculated.

Hence, statement I alone is not sufficient to answer the question.

**Using statement II alone,**

$$\frac{(\text{Area of ring})}{(\text{Area of greater circle})} = \frac{2}{3}$$

$$\therefore \frac{\pi(R^2 - r^2)}{\pi R^2} = \frac{2}{3}$$

$$\therefore \frac{R}{r} = \frac{\sqrt{3}}{1}$$

$$\text{Now, } \frac{C_1}{C_2} = \frac{2\pi R}{2\pi r} = \frac{R}{r}$$

Hence,  $C_1 : C_2$  can be calculated by using statement II alone.

Hence, **option 2**.

17. Let the numbers be  $(n - 3)$ ,  $(n - 2)$ ,  $(n - 1)$ ,  $n$ ,  $(n + 1)$ ,  $(n + 2)$  and  $(n + 3)$ .

**Using statement I alone,**

$$(n - 3)(n - 2)(n - 1)n(n + 1)(n + 2)(n + 3) = 702800$$

Note that the product of seven consecutive numbers will always be unique. Hence, the data is sufficient to find the value of  $n$ .

Taking  $n = 7$ , we get the product as 604800, while taking  $n = 8$ , we get the product as 1663200.

Hence, there exists no whole number such that the given condition holds true.

Hence, the question can be solved using statement I alone.

**Using statement II alone,**

We get,

$$(n - 3) + (n - 2) + (n - 1) + n + (n + 1) + (n + 2) + (n + 3) = 105$$

$$\therefore n = 15$$

Hence, the question can be solved using statement II alone.

There is no such option for questions which can be solved using either of the statements.

18. Let  $p, q, r$  and  $s$  be the marks obtained by P, Q, R and S.

$$\therefore p + q + r + s = 360$$

**Using statement I alone,**

$$p = \frac{1}{3}(q + r + s)$$

$$\therefore (q + r + s) = 3p$$

$$\therefore p + (q + r + s) = 360$$

$$\therefore p + 3p = 360$$

$$\therefore p = 90$$

Hence, statement I alone is sufficient to answer the question.

**Using statement II alone,**

$$\frac{q + r}{2} = s + 20$$

$$\therefore q + r = 2s + 40$$

$$\therefore p + q + r + s = 360$$

$$\therefore p + 2s + 40 + s = 360$$

$$\therefore p + 3s + 40 = 360$$

Now we are left with two variables and one equation. Hence, the question cannot be answered using statement II alone.

Hence, **option 1.**

19. **Using statement I alone,**

The height of container is not known. Thus neither the volume of the container nor the volume of the cube is known.

Hence, the question cannot be answered using statement I alone.

**Using statement II alone,**

Volume of ice cube is given, but the volume of container is not known.

Hence, the question cannot be answered using statement II alone.

**Using both the statements together,**

Volume of the ice cube is known but the volume of container is not known. Hence the question cannot be answered.

Hence, **option 4.**

20. **Using statement I alone,**

The dividend paid last year does not tell us anything about the dividend paid in the current year.

Hence, the question cannot be answered using statement I alone.

**Using statement II alone,**

We know the number of shares Ram has and the denomination of shares.

$$\therefore \text{Dividend that Ram got} = 1500 = (350 \times 10 \times \text{Rate})/100$$

Hence, the rate can be calculated.

Hence, the question can be answered using statement II alone.

Hence, **option 2.**

21. The data given is summarized (approximate values) in the table

	2005	2006	% increase in Sales in 2006 over 2005
Voveran	16.25	23	41.5
Calpol	13	18	38.46
Nise	15	18.25	21.67
Combiflam	9	13.5	50
Dolonex	6.5	10.25	57.7
Sumo	5	7.5	50
Volini	7	9.5	35.7
Moov	3.5	5	42.85
NiImulid	3.25	5	53.84

The difference between sales of Voveran in 2006 and sales of Calpol in 2005 =  $23 - 13 = 10$  crores = 1000 lakhs

Hence, **option 1.**

22. Other than Dolonex, the sales of none of the other brands given in the options have shown an increase of more than 50%.

Hence, **option 3.**

23. The percentage increase in sales of Nise is the lowest.

Hence, **option 4.**

24. The approximate percentage increase in the sales of voveran from 2005 to 2006 is

$$\frac{23 - 16.25}{16.25} \times 100 = \frac{6.75}{16.25} \times 100 = 41.5\%$$

Option 2 is the closest answer.

Hence, **option 2**.

25. The first two shapes are same with the sequence of colours interchanged. Following a similar pattern, option 1 is the correct answer.

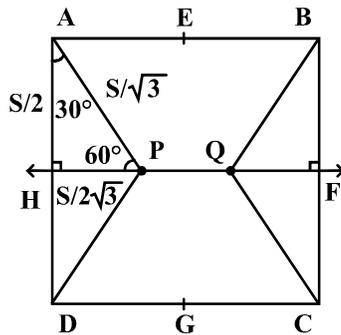
Hence, **option 1**.

26.  $x = \frac{1}{2} \times \frac{1}{4} \times \frac{1}{10} \times 400 = 5$

Hence, **option 2**.

27. Note – If we solve for the ratio of the area of ABCQPD to the remaining area of ABCD none of the option matches.

We assume that the question asks for the ratio of area of polygon ABQCDP to the remaining area of ABCD.



Let  $s$  be the side of the square.

Also  $\angle APH = 60^\circ$ ,  $\angle AHP = 90^\circ$  and  $\angle PAH = 30^\circ$

Also,  $AH = \frac{s}{2}$

$\therefore HP = \frac{s}{2\sqrt{3}}$

$\therefore A(\Delta APD) = \frac{1}{2} \times s \times \frac{s}{2\sqrt{3}} = \frac{s^2}{4\sqrt{3}}$

Similarly,  $A(\Delta BQC) = \frac{s^2}{4\sqrt{3}}$

$A(ABQCDP) = A(\square ABCD) - A(\Delta APD) - A(\Delta BQC)$

$$= s^2 - \frac{s^2}{2\sqrt{3}} = \frac{s^2(2\sqrt{3}-1)}{2\sqrt{3}}$$

$\therefore$  Required ratio =  $\frac{A(ABQCDP)}{2A(\Delta BQC)}$

$$= \frac{(2\sqrt{3}-1)}{2\sqrt{3}} \times \frac{2\sqrt{3}}{1} = 2\sqrt{3} - 1$$

Hence, **option 2**.

28.  $100 + 0.1n = 85 + 0.15n$

$\therefore n = 300$

But  $n \neq 300$ , as the price of Darjeeling Tea remains constant after the 100<sup>th</sup> day

On the 100<sup>th</sup> day and later the price of Darjeeling Tea is Rs. 110 per kg.

The price of Ooty tea becomes 110 on the 167<sup>th</sup> day which is 16<sup>th</sup> June.

Hence, **option 2**.

29. Using statement I alone,

Two triangles can have the same area even they are not congruent.

$\therefore$  Statement I is not sufficient to answer the question.

Using statement II alone,

Just by having the information that two triangles are right angled triangle one cannot conclude that the two triangles are congruent.

$\therefore$  Statement II is not sufficient to answer the question.

Using both the statements together,

Let  $b_1$  and  $h_1$  be the base and height of  $\Delta ABC$  and let  $b_2$  and  $h_2$  be the base and height of  $\Delta PQR$

$$\therefore \frac{1}{2} b_1 h_1 = \frac{1}{2} b_2 h_2$$

$$\therefore b_1 h_1 = b_2 h_2$$

This does not necessarily mean that the base and height of the two triangles are correspondingly equal.

Hence, the question cannot be answered using both the statements together.

Hence, **option 4**.

30. Let A's salary and expenditure be  $3x$  and  $4y$ .

Let B's salary and expenditure be  $4x$  and  $5y$ .

$\therefore$  A's and B's savings are  $(3x - 4y)$  and  $(4x - 5y)$  respectively.

Using statement I alone,

$$4x - 5y = 0.25(4x)$$

$$\therefore 3x = 5y$$

We can find the ratio of savings using this.

$\therefore$  Statement I alone is sufficient to answer the question.

Hence, **option 1**.

31. Let  $x$  be the average height of the class and let  $n$  be the number of students.

Using statement I alone,

$$\frac{nx - 56}{n - 1} = x - 1$$

$$\therefore nx - 56 = nx - n - x + 1$$

$$\therefore n + x = 57 \quad \dots \text{(i)}$$

But this is not sufficient to answer the question.

Hence, the question cannot be answered using statement I alone.

**Using statement II alone,**

$$\frac{nx - 42}{n - 1} = x + 1$$

$$\therefore nx - 42 = nx + n - x - 1$$

$$\therefore x - n = 41 \quad \dots \text{(ii)}$$

This is also not sufficient to answer the question.

Hence, the question cannot be answered using statement II alone.

**Using both the statements together,**

From statement I and II we get,

$$n + x = 57 \text{ and}$$

$$x - n = 41$$

$$x = 49$$

Hence, the question can be answered using both the statements together.

Hence, **option 3.**

32. If ">" denotes the taller than relation, we have  
Ram > Shyam and Vikram > Jay

**Using statement I alone,**

It is given that Ram is tallest, but still we cannot comment that whether Shyam or Jay is the shortest one.

Hence, the question cannot be answered using statement I alone.

**Using statement II alone,**

It is given that Shyam > Vikram

$\therefore$  We have the following relation: Ram > Shyam > Vikram > Jay.

$\therefore$  Jay is the shortest.

Hence, statement II is sufficient to answer the question.

Hence, **option 2.**

33. Let the sales in July be 300  
 $\therefore$  Sales in September = 200  
Sales in November =  $200 \times 1.05 = 210$

$$\therefore \text{Required percentage increase} = \frac{210 - 300}{300} \times 100$$

$$= -30\%$$

Hence, **option 3.**

34.  $15x - \frac{2}{x} > 1$

$$\therefore 15x - \frac{2}{x} - 1 > 0$$

$$\therefore 15x^2 - 2 - x > 0$$

$$\therefore \left(x + \frac{1}{3}\right) \left(x - \frac{2}{5}\right) > 0$$

$$\therefore x < -\frac{1}{3} \text{ or } x > \frac{2}{5}$$

The correct answer is not there in the options.

35. Let there be  $x$  liters of 30% alcohol solution.

$$\therefore x(0.3) + 40(0.6) = (40 + x)0.5$$

$$\therefore x = 20$$

Hence, **option 2.**

36. Radius of wire = 0.05 cm

As the volume of silver in the wire is 66 cc,

$$66 = \pi \times (0.05)^2 \times l$$

$$\therefore l = 8400 \text{ cm}$$

$$\therefore l = 84 \text{ m}$$

Hence, **option 1.**

37. Length of first train = 0.108 km

Length of second train = 0.112 km.

Let the speed of second train be  $x$ .

As the trains are moving towards each other,

$$\frac{0.108 + 0.112}{50 + x} = \frac{6}{60 \times 60}$$

$$\therefore x = 82 \text{ km/hr.}$$

Hence, **option 4.**

$$38. \sqrt{\frac{(8R)^2}{4}} = Q$$

$$\therefore Q = \sqrt{\frac{64R^2}{4}}$$

$$Q = 4R$$

Hence, **option 2.**

39. Let the original length, breadth and height of the room be  $3x$ ,  $2x$  and  $x$  respectively.

The area of the four walls =  $2[(\text{length} \times \text{height}) + (\text{breadth} \times \text{height})]$

$$= 2(3x^2 + 2x^2) = 10x^2$$

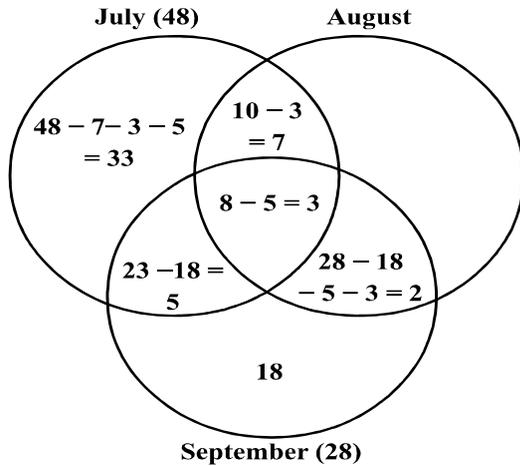
The new length, breadth and height are  $6x$ ,  $x$  and  $x/2$  respectively.

$$\therefore \text{The new area of walls} = 2 \left[ 3x^2 + \frac{x^2}{2} \right] = 7x^2$$

$$\begin{aligned} \therefore \text{Percentage decrease in area} &= \frac{10x^2 - 7x^2}{10x^2} \times 100 \\ &= 30\% \end{aligned}$$

Hence, **option 4**.

40. The following figure gives the distribution of the people who read "Golmal" magazine in the given three months.



As 24 people did not read the magazine in any of the three months, 76 people read it in at least one of the three months.

$$\begin{aligned} \therefore 76 - 48 - 18 - 2 &= 8 \text{ people read it only in August.} \\ \therefore \text{Number of people who read it exactly for two consecutive months (i.e. July and August but not September, and August and September but not July)} &= 7 + 2 = 9 \end{aligned}$$

Hence, **option 2**.

41. Let A, B, C and D have  $a$ ,  $b$ ,  $c$  and  $d$  chocolates respectively.

A gives  $b$ ,  $2c$  and  $3d$  number of chocolates to B, C and D respectively.

$\therefore$  At the end of 1<sup>st</sup> iteration the number of chocolates with each of them are,

A	B	C	D
$a - b - 2c - 3d$	$2b$	$3c$	$4d$

D gives  $1/8^{\text{th}}$  of his chocolates. i.e.  $(d/2)$  chocolates to B

$\therefore$  At the end of 2<sup>nd</sup> iteration

A	B	C	D
$a - b - 2c - 3d$	$\left(2b + \frac{d}{2}\right)$	$3c$	$\frac{7d}{2}$

Now, note that D has no further transaction and has 35 chocolates at the end

$$\therefore \frac{7d}{2} = 35$$

$$\therefore d = 10$$

$\therefore$  Option 3 and 4 can be eliminated.

Now, using  $d = 10$ , we check for the options 1 and 2.

Only the number of chocolates in option 1 satisfies all the given conditions.

Hence, **option 1**.

42.  $201 = 09 + 102 + 90$

$\therefore$  The lowermost number is the sum of the other three numbers.

$$\therefore \text{Missing number} = 07 + 203 + 70 = 280$$

Hence, **option 1**.

43. Consider 1<sup>st</sup> letter of each term of the series.

T + 2 alphabets = V, V + 2 alphabets = X

$\therefore$  The first letter of the missing term is X + 2 alphabets = Z

Consider 2<sup>nd</sup> letter of each term of the series.

B + 3 alphabets = E, E + 3 alphabets = H

$\therefore$  H + 3 alphabets = K

Consider 3<sup>rd</sup> letter of each term of the series.

L + 4 alphabets = P, P + 4 alphabets = T

$\therefore$  T + 4 alphabets = X

Consider last letter

D + 5 alphabets = I, I + 5 alphabets = N

$\therefore$  N + 5 alphabets = S

$\therefore$  Missing term = ZKXS

Hence, **option 3**.

44. Only one statement of each person is true.

$\therefore$  Only one of Sachin's statements is true.

Assume that Sachin's first statement is true.

If Sachin got the top score then the first statements of both Brian and Ricky turn out to be false.

However, since Sachin got the top score the second statements of both Brian and Ricky also turn out to be false.

This is not possible as both the statements of a person cannot be false.

So Sachin's first statement is false.

Hence, Ricky was second. Hence Brian's second statement is false. Hence, Brian got the top score and Sachin was third.

Hence, **option 1**.

45. Let the number of people who drink tea =  $6x$

$\therefore$  The number of people who drink coffee =  $4x$  and  $2x$  people drink both tea and coffee.

∴ Number of people who drink neither =  $2x$   
 ∴ Number of people who drink only tea =  $6x - 2x = 4x$   
 ∴ Number of people who drink only coffee =  $4x - 2x = 2x$   
 $\therefore 4x + 2x + 2x + 2x = 60$   
 $\therefore x = 6$   
 ∴ No of people who drink both tea and coffee =  $2x = 2 \times 6 = 12$   
 Hence, **option 2**.

46. At  $n$  o'clock, the clock strikes  $n$  times. It takes 6 seconds to strike thrice. Assuming that the strikes are instantaneous, there are 3 seconds between two strikes.

Hence, to strike 9 times there will be 8 striking intervals.

Hence, time taken to strike 9 times at 9 o'clock =  $8 \times 3 = 24$  seconds.

Hence, **option 1**.

Note: If the strikes are not instantaneous the answer will depend on the length of interval of the strike.

47. E-1, E-2, E-3 are writing assignments.

It is given that the digit in their name and the order of their starting and completing the assignment is certainly not the same.

This means that E-1 was neither the first to start and nor the first to end.

Student	Start
E-1	2/3
E-2	3/1
E-3	1/2

Now, the last student to start is the first to finish.

Only, E-1 or E-2 can be the last to start.

However, E-1 cannot be the first to finish.

∴ E-2 was the last to start and first to finish.

∴ E-1 was the second to start and last to finish.

∴ E-3 was the first to start and second to finish.

Hence, the table becomes,

Student	Start	End
E-1	2	3
E-2	3	1
E-3	1	2

E-3 starts writing first.

Hence, **option 3**.

48. From the table, E-1 is the last to complete the assignment.

Hence, **option 1**.

49. A, B, C – Don school

P, Q, R – Elite school

If " $X > Y$ " denotes that X is brighter than Y then,

$Q > R$

∴ Q is duller than the Don School student who is brighter than A. The same student is brighter than C. So the student has to be B.

∴  $B > Q > R$  and  $B > A$

$P > B > C$

From the last statement we get,

$P > B > C$ ,  $B > Q > R$  and  $B > A$

∴ P is brightest.

Hence, **option 2**.

50. Among the students from Elite School, R is the dullest.

Hence, **option 3**.

51. We have two possibilities.

**Case (i):** Rafael entered before Roger

Then we have:

10 students + Rafael + 5 students + Roger + 10 = 27 students

**Case (ii):** Roger entered before Rafael

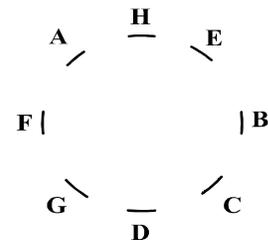
Then we have:

4 students + Roger + 5 students + Rafael + 4 students = 15 students

Hence, there are two possible answers.

Hence, **option 4**.

52. From the given information we get the arrangement as



∴ Arijit is sitting to the immediate right of Himadri.

Hence, **option 1**.

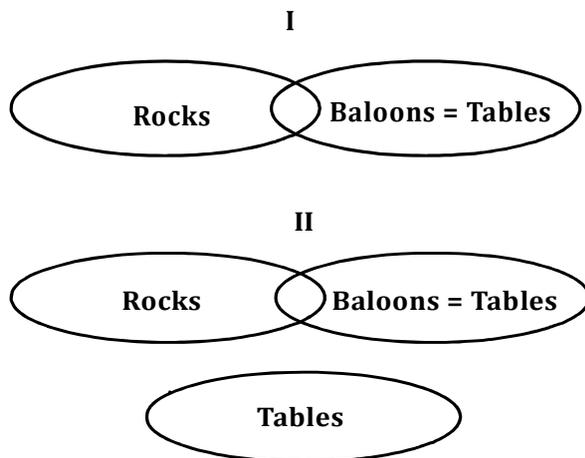
53. Fredrik is sitting opposite Biplab.

Hence, **option 3**.

54. Biplab is sitting to the immediate right of Chintan.

Hence, **option 2**.

55.



According to fig I, conclusions 1 & 3 are not valid.

According to fig II, conclusion 2 is not valid.

Hence, **option 4**.

56. From the given information we get the seating arrangement as,

A/E B/D C B/D E/A

∴ C is sitting in the middle of the bench.

Hence, **option 2**.

57. A and E are sitting at the extreme ends of the bench.

Hence, **option 1**.

58. Commission earned by salesman D in 1994 = 29800

Commission earned by salesman A in 1994 = 24600

∴ The amount by which the commission earned by salesman D is more than that of A = 5200

∴ Required percentage =  $\frac{5200}{24600} \times 100 \approx 21.1$

Hence, **option 3**.

59. In 1993, commission earned by B = 28000

Total commission earned in 1993 = 146960  $\approx$  147000

∴ Required percentage =  $\frac{28000}{147000} \times 100 \approx 19\%$

The closest among the given options is 20.

Hence, **option 2**.

60. The number in the second row of the first column is 2 less than the square of the number in the first row of the same column.

∴ Missing number =  $8^2 - 2 = 64 - 2 = 62$

Hence, **option 2**.

61. From the given options, only option 4 has vol.5 to the right of vol.2.

Also, now we can check that all the conditions are satisfied by option 4.

Hence, **option 4**.

62. This question was camouflaged. The inference was given as main data and the questions stem required you to identify the premise (given in the answer options) based on which the given inference was drawn.

Option 2 identifies Marx as a non-German and hence can be eliminated.

Option 4 provides incomplete data and hence can be eliminated as a premise for the inference.

Option 1 implies that All Germans are idealist philosophers.

Only Option 3 can be a premise that allows us to arrive at the inference given in the questions stem.

Hence, **option 3**.

63. Let the lengths of the two candles be  $h$ .

Rate of burning of the thicker candle =  $h/6$  per hour

Rate of burning of the thinner candle =  $h/4$  per hour

Let Ramaswami study for  $t$  hours.

∴ From the given information we get,

$$h - (h/6)t = 2[h - (h/4)t]$$

$$\therefore 1 - t/6 = 2 - t/2$$

$$\therefore t = 3$$

Hence, **option 2**.

64. Let the initial fraction be  $\frac{2x}{3x}$ .

$$\therefore \frac{2x - 6}{3x} = \left(\frac{2}{3}\right) \left(\frac{2x}{3x}\right)$$

$$\therefore \frac{2x - 6}{3x} = \frac{4}{9}$$

$$\therefore x = 9$$

Hence, numerator of the original fraction =  $2x = 18$

Hence, **option 3**.

65. Best way to solve this question is by evaluating options.

**Consider Option 1:**

$X = 3$  and  $Y = 6$

Hence, he wanted to withdraw 306 paise but he got 603 paise.

But  $603 - 20 \neq 2 \times 306$

Hence, option 1 is incorrect.

**Consider Option 2:**

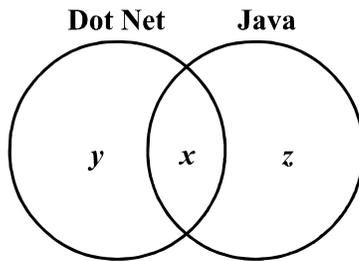
We get  $X = 26$  and  $Y = 53$

Hence, he should have got 2653 paise but he got 5326 paise.

Note that  $2(2653) = 5306$  which is same as  $(5326 - 20)$   
Hence, option 2 satisfies the given conditions.  
Hence, **option 2**.

66. If one takes out 3 pieces, at least two of them will be of the same color.  
Hence, a pair will be formed.  
Hence, 3 pieces must be taken out.  
Hence, **option 4**.

67.



From the data given

$$x + y + z = 1000$$

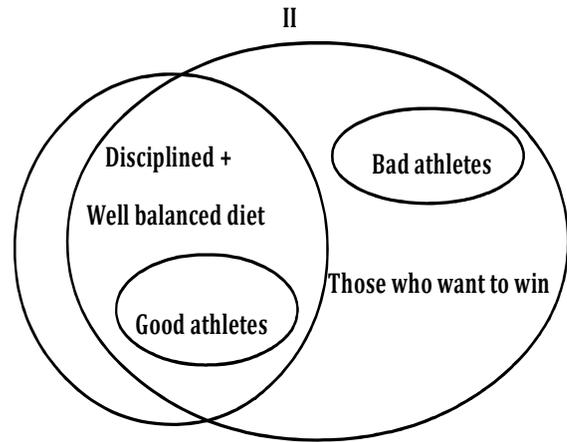
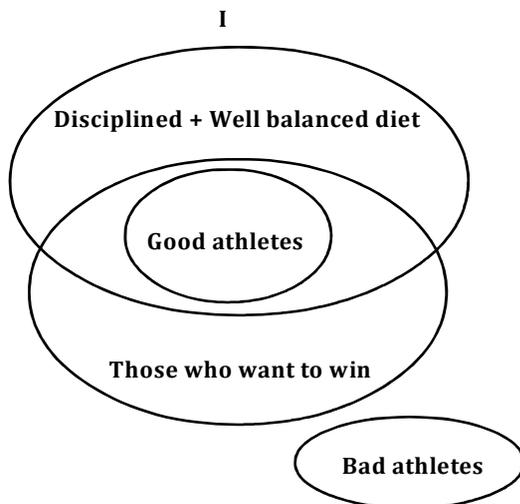
$$x + y = 750$$

$$x + z = 450$$

$$\begin{aligned} \therefore x &= (x + y) + (x + z) - (x + y + z) \\ &= 450 + 750 - 1000 \\ &= 200 \end{aligned}$$

Hence, **option 2**.

68.



Options 1 and 4 are true according to figure I but false according to figure II.

According to figure I and II, option 3 is not necessarily true.

Option 2 is true in both the figures.

Hence, **option 2**.

69. The triangle is symmetric across a line passing through the middle of the triangle.

Hence, the missing letter in third row should be 8.

From the given options only option 2 has 8.

We can further verify that option 2 is correct by seeing that the triangle formed by substituting the values is symmetric.

Hence, **option 2**.

$$70. 17 = \frac{17x}{1-x}$$

$$\therefore (1-x) = x$$

$$\therefore x = \frac{1}{2}$$

$$\therefore 2x^2 = 2\left(\frac{1}{2}\right)^2 = \frac{1}{2}$$

Hence, **option 4**.

111. The following extract, "We are able to see in literary works the perspective...reforming canons and interpreting literature...begun to change" would imply that a fresh perspective has arrived in literary criticism. Further, (as per the passage) women are now reforming the canons of interpreting literature. This validates option 2 as our correct answer option.  
Option 1 is the literary criticism that occurred before.  
The works of early twentieth-century writers have not been studied in any detail. We can eliminate option 3.

- No feminist book has been cited in the passage.  
Eliminate option 4.  
Hence, the correct answer is **option 2**.
- 112.** The passage mentions the modernist's view that the deepest fight for 200 years has been the fight for women's independence. This would imply that prior to that women's issues would not have been authored in any great detail in literature. This validates option 3.  
Option 1, while correct does not adequately answer the question stem.  
The passage does not mention the modernists to be ineffectual- nor can this be inferred. Eliminate option 2.  
Hence, the correct answer is **option 3**.
- 113.** The author mentions that literary criticism has begun to "catch up" with women's revolt against male domination in literature. They (women) are bringing a new perspective and reforming the canons of literary criticism. The author has not criticised this in the slightest. Therefore, this validates option 4.  
The author has not expressed any ambivalence over this. Eliminate option 1.  
The author has not expressed any antagonism or indifference. We can eliminate options 2 and 3.  
Hence, the correct answer is **option 4**.
- 114.** The author has expressed his opinion of literature only in terms of issues related to female emancipation- through the quotation of Virginia Woolf. Eliminate option 2.  
Literature has not been transformed- rather literary criticism has. Eliminate option 3.  
The search for equality between the sexes is the highlight or the principal feature of the passage.  
Hence, the correct answer is **option 1**.
- 115.** The vowel "a" in anthropologist means that the article preceding it should be "an" and not "a". We can eliminate option 1.  
"The" in option 2 renders it incorrect.  
"As" in option 3 renders it incorrect.  
Hence, the correct answer is **option 4**.
- 116.** An apostrophe is used to indicate possession.  
Hence, the correct answer is **option 2**.
- 117.** A declarative and imperative sentence ends in a period.  
Hence, the correct answer is **option 4**.
- 118.** Two clauses- a subordinate and the main- are connected by a comma.  
Hence, the correct answer is **option 3**.
- 119.** Two independent clauses are connected with a semi-colon.  
Hence, the correct answer is **option 2**.
- 120.** The correct proverb is, "Let the sleeping dogs lie".  
Options 1, 2 and 3 are not correct proverbs.  
Hence, the correct answer is **option 4**.
- 121.** The correct proverb relates to, "A fool and his money are parted easily".  
Hence, the correct answer is **option 2**.
- 122.** The correct meaning for the idiom, "You are the bomb" is that you are exceptional and/or wonderful.  
Hence, the correct answer is **option 3**.
- 123.** A "flighty" person is one who is "indecisive and irresponsible".  
The other options do not convey the meaning of a flighty person.  
Hence, the correct answer is **option 2**.
- 124.** "To take the enemy down" means "to kill the enemy".  
Hence, the correct answer is **option 2**.
- 125.** "Dime a dozen" means "anything that is common and easy to get".  
Hence, the correct answer is **option 3**.
- 126.** "Throw the baby out with the bathwater" means to "throw out the good things with the unwanted".  
Hence, the correct answer is **option 2**.
- 127.** "Bark up the wrong tree" means to "make the wrong choice".  
Hence, the correct answer is **option 4**.
- 128.** The correct word for the blank will be "rode".  
"Ride" would be incorrect tense.  
"Road" and "Rhode"- if used - will make the sentence nonsensical.  
Hence, the correct answer is **option 2**.
- 129.** The correct word for the blank would be "prevent"- as in one prevents further heat loss.  
The other options if used would render the sentence logically incorrect.  
Hence, the correct answer is **option 4**.
- 130.** When we mention inflation- the word "high" is more apt than "large", "great" or "tall".  
Hence, the correct answer is **option 2**.
- 131.** A boat consists of "sails" which help to propel the boat.  
"Sales", "salies" as well as "sells" are incorrect usages contextually.  
Hence, the correct answer is **option 2**.

132. The correct word contextually is “further”.  
‘Faster details’ would be incorrect usage.  
“Farther” would imply ‘far away’ (in terms of distance) which is contextually incorrect.  
“Furthur” is an incorrect spelling of the word “further”.  
Hence, the correct answer is **option 2**.
133. A baby deer is called a “fawn”.  
Hence, the correct answer is **option 2**.
134. Option 1 is awkward with ‘gift’ and ‘gifting’.  
Option 3 is incorrect since the words in the two blanks are contradictory.  
Option 4 is incorrect since the word ‘thing’ does not match the adjective ‘greatest’.  
The ‘greatest discovery’ can be that ‘a human being can alter his life by altering his attitude’.  
Hence, the correct answer is **option 2**.
135. The key word in this sentence is “mind-lift”. Its unusual structure is parallel to the word “face-lift”. Thus, when it comes to staying young, a mind-lift (that is, rejuvenating your mind) is better than a face-lift.  
Hence, the correct answer is **option 1**.
136. The author has used antithesis, a figure of speech in which contrasting or opposite words are used for emphasis. Thus, none are so ‘empty’ as those who are ‘full’ of themselves. The statement is actually a criticism of people who are full of themselves.  
Hence, the correct answer is **option 1**.
137. Option 1 is not logical and can be eliminated.  
Options 2 and 3, though logical, are too simplistic.  
Option 4 brings out the true meaning of the sentence, since it implies that unhappy customers, who point out your faults, enable you to learn from your mistakes, and thereby lead to an overall improvement.  
Therefore, unhappy customers are your greatest source of learning.  
Hence, the correct answer is **option 4**.
138. “Eulogize” means ‘to praise highly’. The antonym for eulogize is ‘criticize’, since it has the opposite meaning.  
Hence, the correct answer is **option 2**.
139. “Pedantic” means ‘overly concerned with minute details or formalisms, especially in teaching; excessively concerned with minor details or rules’. It implies being finicky in teaching or learning.  
Options 1 and 4 are unrelated to this context.  
Option 2 is incorrect since the term teaching methodology (the method of teaching) is too broad.  
Hence, the correct answer is **option 3**.
140. “Pyrophobia” is ‘an abnormal fear of fire’.  
Hence, the correct answer is **option 4**.
141. A kangaroo word is a word that contains a smaller word that is actually a synonym of itself.  
‘Masculine’ contains the word ‘male’, both of which are synonymous.  
Hence, the correct answer is **option 1**.
142. “Respite” means ‘an interval of relief or rest’ and contains the word ‘rest’.  
Hence, the correct answer is **option 2**.
143. The word ‘weight’ completes the word ‘paper’ to form the word ‘paperweight’, and begins the word ‘lifter’ to form ‘weightlifter’.  
Hence, the correct answer is **option 2**.
144. Outshine, outnumber and outrun are meaningful words.  
‘Out’ cannot be coupled with ‘bug’.  
Hence, the correct answer is **option 3**.
145. Newsletter, newsstand and newspaper are meaningful words.  
‘News’ cannot be coupled with ‘week’. (Although it may sound familiar, it is a proper noun and not a dictionary word.)  
Hence, the correct answer is **option 2**.
146. The noun ‘party’ has to be preceded by the preposition ‘at’ – at the party.  
Hence, the correct answer is **option 3**.
147. The correct idiom is ‘as cool as a cucumber’, meaning ‘extremely calm’.  
Hence, the correct answer is **option 1**.
148. The correct idiom is ‘as fresh as a daisy’, meaning ‘fresh and alert’.  
Hence, the correct answer is **option 1**.
149. “Consort” refers to ‘the spouse of a reigning monarch’. It is similar to ‘spouse’ and ‘partner’. The word ‘clear’ is clearly unrelated to the other words.  
Hence, the correct answer is **option 4**.
150. “Nerd” means ‘a boring or unpopular person, especially one obsessed with a nonsocial hobby or pursuit’ (Eg. a computer nerd). Therefore, a nerd is an uninteresting person.  
Hence, the correct answer is **option 2**.