SBI PO Prelim Solved Paper-2019
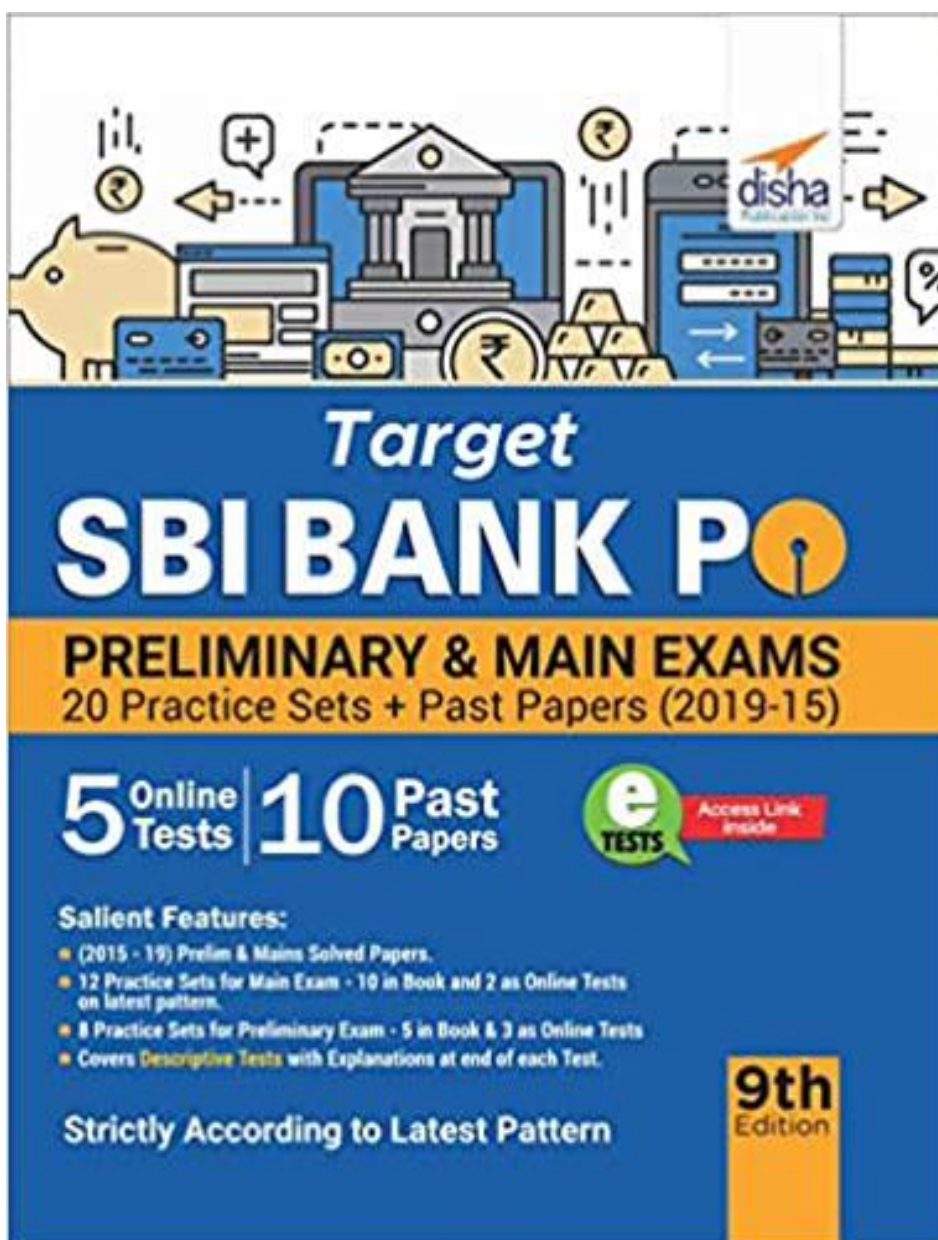
This Paper is taken from Book: "Target SBI Bank PO Premliminary & Main Exams"

SBI PO PRELIM EXAM 2019

Reasoning Ability

DIRECTIONS (Qs. 1-5): *Study the following information carefully and answer the questions given below:*

Six cubes i.e. P, Q, R, S, T and U of different colors i.e. Oyster, Rose, Beige, Yellow, Peach and White are placed one above another but not necessarily in same order. Cube R is placed just above the oyster colored cube. One cube is placed between P and oyster colored cube. Three cubes are placed between P and peach colored cube. Two cubes are placed between S and T. Rose colored cube is placed just below P. There are as many cubes placed above rose colored cube as below T. T is not Oyster colored cube. Beige colored cube is placed just above yellow colored cube. U is placed above Q.

1. How many cubes are placed above U?
    (a) Two (b) Three
    (c) Four (d) One
    (e) None of these

2. In which of the following position rose colored cube is placed?
    (a) 2nd from bottom (b) 1st from bottom
    (c) 2nd from top (d) 1st from top
    (e) None of these

3. Which of the following cube is Yellow colored?
    (a) P (b) R
    (c) T (d) S
    (e) None of these

4. Which of the following color is cube U has?
    (a) Oyster (b) Peach
    (c) Rose (d) Yellow
    (e) None of these

5. Four of the following five are alike in certain way based from a group, find the one which does not belong to that group?
    (a) U-Yellow (b) T-Oyster
    (c) Q-Beige (d) R-Rose
    (e) S-White

6. In some of the following logic CHAIR is coded as IDDSJ and CLOUD is coded as MDREV, following the same logic MAJOR will be coded as
    (a) BNMSP (b) PSMNB
    (c) MNSPB (d) NBSPM
    (e) None of the above

7. How many pairs of letters are there in the word **'SEQUENTIAL'**, each of which have as many letters between then in the word as they have between then in the English alphabet?

    (a) One (b) Two
    (c) Three (d) Four
    (e) Five

DIRECTIONS (Qs. 8-10): *Study the following information carefully and answer the questions given below:*

Rahul is 10m west of Bindu. Priya is 32m north of Bindu. Rahul is 50m south of Tripti. Tripti is 20m west of Vijay. Vijay is 18m north of Jessica.

8. Jessica is at how much distance and in which direction with respect to Priya?
    (a) 20m, South-east (b) 10m, South
    (c) 10m, East (d) 15, North-west
    (e) 10m, West

9. If Boby is 20m west of Jessica and 32m north of Rahul, then what is the distance between Tripti and Boby?
    (a) 15m (b) 18m
    (c) 12m (d) 10m
    (e) 21m

10. What is the direction of Vijay with respect to Rahul?
    (a) North (b) South-west
    (c) North-east (d) South
    (e) North-west

DIRECTIONS (Qs. 11-15): *Study the following information carefully and answer the questions given below:*

Nine persons are sitting in a row. Some of them are facing North and some are facing South. C sits 2nd from one of the extreme ends. Two persons sit between C and D. M sits 3rd to the left of D. N sits 2nd to the right of M. Immediate neighbors of M faces opposite to M. O sits 2nd to the right of N. P is an immediate neighbor of O. Persons sitting in an extreme end are facing opposite direction to each other. C sits 2nd to the right of O.

P and C doesn't face North. Q sits 2nd to the left of B. A doesn't face south.

11. Who among the following person sits 3rd to the right of N?
    (a) W (b) D
    (c) M (d) O
    (e) None of these

12. How many persons are sitting between C and M?
    (a) Two (b) Three
    (c) Five (d) Four
    (e) One

13. Who among the following pair of persons are sitting at extreme end?
    (a) M-B
    (b) B-A
    (c) C-P
    (d) C-A
    (e) None of these

14. How many persons are facing South?
    (a) Two
    (b) Three
    (c) Four
    (d) Five
    (e) None of these

15. Four of the following five are alike in certain way based from a group, find the one which does not belong to that group?
    (a) B
    (b) Q
    (c) P
    (d) A
    (e) C

DIRECTIONS (Qs. 16-18): *Study the following information carefully and answer the questions given below:*

There are six rods i.e. M, N, O, P, Q and R of different lengths. N is longer than M. Q is longer than N. Q is shorter than only O. R is longer than N. M is not the shortest rod. The length of 2nd longest rod is 84cm and 3rd shortest rod is 50cm.

16. Which of the following is 3rd longest rod?
    (a) Q
    (b) R
    (c) N
    (d) M
    (e) Can't be determined

17. What may be the possible length of R?
    (a) 28 cm
    (b) 62 cm
    (c) 25 cm
    (d) 82 cm
    (e) 40 cm

18. Which of the following is 2nd shortest rod?
    (a) R
    (b) N
    (c) M
    (d) P
    (e) None of these

DIRECTIONS (Qs. 19-22): *Read the information carefully and answer the following questions:*

Jezz is married to Chandni. Boby and Diya are the children of Chandni. Diya is married to daughter of Kalpesh, who is married to Mahesh. Kalpesh is mother of Rahul, who is husband of Nidhi. Himansh is the grandson of Chandni and Kalpesh. Lily is daughter of Nidhi. Vijay is only sibling of Himansh. Diya has only one daughter.

19. How is Diya related to Kalpesh?
    (a) Son
    (b) Wife
    (c) Son in law
    (d) Daughter
    (e) None of these

20. If Tapas is daughter of Kalpesh, then how is Tapas related to Diya?
    (a) Wife
    (b) Son in law
    (c) Daughter
    (d) Husband
    (e) None of these

21. How is Lily related to Kalpesh?
    (a) Wife
    (b) Granddaughter
    (c) Daughter
    (d) Son
    (e) Grandson

22. Who is father of Rahul?
    (a) Mahesh
    (b) Diya
    (c) Boby
    (d) Jezz
    (e) Chandni

23. **R @ 2 9 T V A Y 5 © # J 1 P 8 Q $ E 3 * H % 6 W 4 I ? U Z**
    Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?
    (a) J P ©
    (b) E Q *
    (c) W I %
    (d) 9 V @
    (e) 1 # ?

DIRECTIONS (Qs. 24-27): *In each of the questions below are given some statements followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.*

    (a) If only conclusion I follows.
    (b) If only conclusion II follows.
    (c) If either conclusion I or II follows.
    (d) If neither conclusion I nor II follows.
    (e) If both conclusions I and II follow.

24. **Statements:**
    Only a few Chocolate are Table
    Only a few Tables are Plants
    Only a few Plants are Fan
    Conclusions:
    I. Some fan is Chocolate is a possibility
    II. All fan are Tables

25. **Statements:**
    All Banana are Dates
    All Dates are cherry
    No cherry is Watermelon
    Conclusions:
    I. Some Banana can be Watermelon
    II. No Dates is Watermelon

26. **Statements:**
    Only a few Ant are Cow
    No cow is Joker
    Only a few Joker are Deer
    Conclusions:
    I. Some Deer are Ant
    II. Some Ant are Joker.

27. **Statements:**
    Some Pen are Pencil.
    No Pencil is Date
    Conclusions:
    I. Some Dates are not Pen is a possibility
    II. All Pen can never be Date

DIRECTIONS (Qs. 28-32): *Study the information carefully and answer the question given below.*

There are ten persons Jay, Piya, Quan, Rashi, Sita, Tiya, Gagan, Uday, Vinay and Ziva living in a ten-floor building, such that

ground floor is numbered as 1, just above the floor is numbered as 2 and so on the topmost floor is numbered as 10, but not necessary in the same order. Piya lives on the 5th floor. Only three persons live between Piya and Vinay. Tiya lives immediate above Jay, who lives on an odd numbered floor. Sita lives on one of the floors below Rashi. Number of persons lives between Jay and Piya is same as number of persons lives between Tiya and Rashi. There is only one floor in between Uday and Ziva. Gagan lives on an odd numbered floor. Rashi does not live on top floor. Sita lives on an odd numbered floor above Ziva but not on seventh floor. Vinay lives below the floor on which Piya lives. Uday lives above the floor on which Ziva lives. Quan lives on an even numbered floor above Piya but not on top floor.

28. How many persons live between Gagan and Sita ?
    (a) One
    (b) Four
    (c) None
    (d) Three
    (e) More than four

29. Who among the following Lives on topmost floor?
    (a) Vinay
    (b) Gagan
    (c) Tiya
    (d) Sita
    (e) Uday

30. Four of the following five are alike in certain way based from a group, find the one which does not belong to that group?
    (a) Quan
    (b) Ziva
    (c) Uday
    (d) Gagan
    (e) Tiya

31. Who among the following lives immediate above Quan?
    (a) Jay
    (b) Gagan
    (c) Piya
    (d) Sita
    (e) Vinay

32. Which of the following statement is not true about Uday?
    (a) Uday lives on 4th floor
    (b) Two persons live between Uday and Gagan
    (c) Vinay lives immediate below Uday
    (d) Piya lives immediate above Uday
    (e) All are true

DIRECTIONS (Qs. 33-35): *Study the following information carefully and answer the following question.*

A person is keeping six fruits around the corner of triangular table. Fruits which are keeping at corner are facing towards the table and the fruits which are keeping at middle of the table are facing outside the table. Apple keeps at one of the corners of the table. Mango is an immediate neighbour of Apple. Two fruits keep between Mango and Banana. Coconut keeps immediate right of Banana. Nectarine is to the immediate right of Orange. Orange does not keep at any of the corner of the table.

33. Which fruit is keeps second to the right of Banana?
    (a) Mango
    (b) Apple
    (c) Nectarine
    (d) Orange
    (e) Coconut

34. Which fruit is keeping between Apple and Nectarine when counted from the right of Apple?
    (a) Coconut
    (b) Banana
   (c) Orange
    (d) Mango
    (e) None of these

35. Which fruit is immediate left of Nectarine?
    (a) Mango
    (b) Coconut
    (c) Orange
    (d) Banana
    (e) None of these

Quantitative Aptitude

36. Three years hence, sum of ages of P and Q will be 14 years more than the sum of present age of Q and R. Three years ago, sum of age of P and R is 30 years then find the present age of R?
    (a) 24 years
    (b) 20 years
    (c) 12 years
    (d) 14 years
    (e) 18 years

37. A person purchased two Bags at the same price and on selling the first Bag he makes a profit of 10%. Selling price of second Bag is ₹ 90 more than the selling price of the first Bag. Find the cost price of one Bag if his overall profit percent is 13%?
    (a) ₹ 1800
    (b) ₹ 3000
    (c) ₹ 2000
    (d) ₹ 2400
    (e) None of these

38. Ratio of speed of boat in still water to the speed of current is 15:1. Ratio of time taken by the boat to cover D km in downstream to the time taken by the boat to cover (D-45) km in upstream is 5:3. Then find the value of D?
    (a) 60 km
    (b) 87 km
    (c) 94 km
    (d) 108 km
    (e) 90 km

39. A container contains a mixture of Alcohol and water in which water is 34%. 50% of the mixture is taken out in which water is 64 litre less than the Alcohol. Find the remaining quantity of Alcohol in that container?
    (a) 171 lit
    (b) 152 lit
    (c) 133 lit
    (d) 108 lit
    (e) 132 lit

40. The perimeter of a triangle is equal to perimeter of a rectangle. Length of rectangle is 25% of side of a square and ratio of length to breadth of rectangle is 2 : 1. If difference between perimeter of square and that of rectangle is 40 cm, then find perimeter of triangle?
    (a) 9.225 cm
    (b) 8.445 cm
    (c) 7.2 cm
    (d) 8 cm
    (e) 96 cm

DIRECTIONS (Qs. 41-45): *Given below is the pie chart which shows the number of students visiting a national park on different months and table shows the ratio of Boy to Girl visiting these parks.*

Total Students- 4000

April 25%
January 45%
May 30%
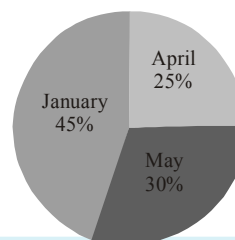
| Months	Boy : Girl
April	2 : 3
May	5 : 7
January	5 : 4

41. If in March number of Boys who visited national park are increased by 20% over Boys visiting national park in May and Girls visiting national park in March is $33\frac{1}{3}\%$ more than Girls visiting in April then, find the total students visiting national park in March.
   - (a) 145
   - (b) 165
   - (c) 140
   - (d) 160
   - (e) 150

42. Total Girls visiting national park in January and May together are what percent more or less than total Boy visiting national park in April and January together.
   - (a) $33\frac{1}{3}\%$
   - (b) $14\frac{2}{7}\%$
   - (c) $16\frac{2}{3}\%$
   - (d) $14\frac{1}{7}\%$
   - (e) $7\frac{1}{7}\%$

43. What is the average of Boys visiting national park in all these months.
   - (a) $633\frac{1}{3}$
   - (b) $655\frac{2}{3}$
   - (c) $499\frac{2}{3}$
   - (d) $455\frac{1}{3}$
   - (e) $666\frac{2}{3}$

44. If cost of ticket per Boy and per Girl in any month is ₹ 45 and ₹ 40 respectively then total amount obtained by national park in April is how much more or less than total amount obtained by national park in January (in ₹).
   - (a) 28000
   - (b) 35000
   - (c) 30000
   - (d) 32000
   - (e) 42000

45. What is the ratio of Boys visiting park in April to Girl visiting park in May
   - (a) 4 : 5
   - (b) 7 : 3
   - (c) 3 : 7
   - (d) 4 : 7
   - (e) 7 : 4

DIRECTIONS (Qs. 46-50): *Solve the given quadratic equations and mark the correct option based on your answer.*

- (a) if $x > y$
- (b) if $x \geq y$
- (c) if $x < y$
- (d) if $x \leq y$
- (e) if $x = y$ or no relation can be established between x and y.

46. I. $x^2 - 15x + 54 = 0$
    II. $y^2 - 17y + 72 = 0$
47. I. $x^2 + 12x + 27 = 0$
    II. $y^2 + 14y + 45 = 0$
48. I. $x^2 + 31x + 238 = 0$
    II. $y^2 + 47y + 552 = 0$
49. I. $x^2 - x - 210 = 0$
    II. $y^2 - 31y + 240 = 0$
50. I. $x^2 = 225$
    II. $(y + 15)^2 = 0$

DIRECTIONS (Qs. 51-55): *Study the bar-graph given below carefully and answer the questions. Bar-graph given below shows the number of packets of pulse sold by five shops of two types i.e. Lentil and Green Gram.*
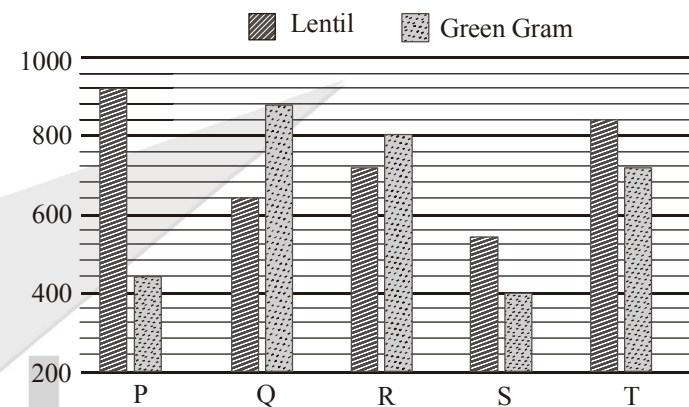
51. Total number of packets sold by shop R is approximately what percent more or less than number of packets sold by shop T?
   - (a) 3%
   - (b) 5%
   - (c) 12%
   - (d) 23%
   - (e) 17%

52. What is the ratio of number of packets sold of Lentil by shop P and S together to number of packets sold of Green Gram by shop P and T together?
   - (a) 2 : 1
   - (b) 73 : 58
   - (c) 43 : 41
   - (d) 41 : 23
   - (e) None of these

53. Lentil packets sold by shop P and Q together is what percent more or less than Green Gram packets sold by R and S together?
   - (a) 25%
   - (b) 20%
   - (c) 30%
   - (d) None of these
   - (e) 35%

54. If another shop U sold number of Lentil packets which is average of number of Lentil packets sold by shop R, S and T and number of Green Gram packets sold is average of number of Green Gram packets sold by shop P and T. If shop Q sold each packet at ₹ 260 and shop U sold each packet at 40% more than that of Q then find total price collected by shop U?
   - (a) ₹ 24246
   - (b) ₹ 456902
   - (c) None of these
   - (d) ₹ 465920
   - (e) ₹ 32863

55. What is the difference of total number of Lentil packets sold by all shop together and number of Green Gram packets sold by all shop together?
(a) 480   (b) 540
(c) 420   (d) 360
(e) 240

DIRECTIONS (Qs. 56-60): *What will come in place of (?) in the following number series problems?*

56. 300, 297, 285, 263, 230, ?
(a) 195   (b) 185
(c) 105   (d) 186
(e) 184

57. 150, 80, 90, 150, 320, ?
(a) 98   (b) 66
(c) 805   (d) 825
(e) 845

58. 2.5, 15, 75, 300, ?
(a) 1200   (b) 1500
(c) 2400   (d) 900
(e) 600

59. 7, 4, 5, 9, 20, ?
(a) 60.25   (b) 52.5
(c) 25   (d) 160.5
(e) 20.75

60. 108, ?, 100, 124, 92, 132
(a) 112   (b) 96
(c) 116   (d) 120
(e) 92

61. Arjun invested ₹ X in a scheme. After 6 months, Bindu joined with ₹ 4000 more than that of Arjun. After an year, ratio of profit of Bindu to the total profit was 3: 7. Find the value of X.
(a) 4000   (b) 8000
(c) 1600   (d) 6000
(e) 10000

62. 3000 rupees is invested in a scheme P at R% p.a. simple interest. Another amount (3000 – x) is invested in scheme Q at 2R % p.a. simple interest. After 4 years, interest earned from scheme P is 25% less than that of scheme Q. Find x.
(a) 500   (b) 600
(c) 900   (d) 1000
(e) 1200

63. 80 women can complete a work in 24 days. 32 women started for the same work for x days. After x days, 16 women increased, So, the remaining work is completed in $16\left(\dfrac{2}{3}\right)$ days. Find x.
(a) 35   (b) 38
(c) 10   (d) 26
(e) None of these

64. If perimeter of the base of a cylinder is 88 cm. Then find volume of cylinder if height of cylinder is 0.08 m.
(a) 1111 cm³   (b) 4928 cm³
(c) 2046 cm³   (d) 4186 cm³
(e) 2002 cm³

65. A 157.5 meters long train 'P' passed a pole in 8.75 sec. Train 'P' passed an another train 'Q' travelling in a direction opposite to 'P' in 7.25 sec. If length of train 'Q' is 175 meter, then in what time train 'Q' will pass train 'P' when they both runs in same direction ?
(a) 55.72 sec   (b) 50.02 sec
(c) 45.75 sec   (d) 60.25 sec
(e) 33.72 sec

DIRECTIONS (Qs. 66-70): *Study the given information carefully and answer the question that follow.*

3 roll shops P, Q and R sells veg roll and egg roll. Respective ratio between number of vegetarian and egg roll sold by roll shop P was 9 : 7 and that sold by roll shop Q was 3 : 4. The no. of roll (Veg + egg roll sold by roll shop R was 108 and respective ratio between number of vegetarian and egg roll sold by roll shop R was 7 : 5 Total number of roll sold by all three roll shop was 376. Number of veg roll sold by roll shop P was 20% more than the veg roll sold by roll shop Q.

66. If cost of each veg roll and each egg roll sold by shop Q is ₹ 200 and ₹ 300 respectively then find the total amount obtained by shop Q (in ₹).
(a) 40000   (b) 72000
(c) 48000   (d) 32000
(e) 44000

67. What is the ratio of veg roll sold by shop P & R together to the egg roll sold by shop Q & R together.
(a) 27 : 25   (b) 27 : 29
(c) 29 : 27   (d) 25 : 27
(e) 23 : 25

68. What is the average of veg roll sold by all shops?
(a) 122   (b) 136
(c) 124   (d) 120
(e) 130

69. Total veg roll sold by Shop P and R are what percent of total egg roll sold by shop Q & R?
(a) 113%   (b) 108%
(c) 109%   (d) 112%
(e) 116%

70. If veg roll sold by shop Q is increased by $33\dfrac{1}{3}\%$ and egg roll sold by shop P is increased by 75% then what is the sum of veg roll sold by Q and egg roll sold by P after increment.
(a) 356   (b) 286
(c) 298   (d) 200
(e) 282

English Language

DIRECTIONS (Qs. 71-77): *Read the following passage carefully and answer the questions given below. Certain words are given in bold to help you locate them while answering some of them.*

Not all stake sales are the same. For example, the Cabinet committee on economic affairs has approved strategic disinvestment of government's shareholding of 53.29% in Bharat

Petroleum Corporation Ltd, which will mean transfer of management control to the strategic buyer. By contrast government's 74.23% holding in THDCIL along with management control will be transferred to state-owned power producer NTPC Ltd, which means government is merely **juggling** its assets to meet its fiscal targets. This changes nothing in reality, generating neither fresh efficiencies nor fresh monies for investing in public goods like health and education. Even in holding on to a minority stake, government discourages buyers.

Niti Aayog has prepared a list of around 50 PSUs that should **be put on the block,** not only for big-ticket asset monetisation but because government has no business running businesses like hotels or making scooters and salt. On the labour laws front too we see tension between real and pretend reform. The proposal to continue to require companies with over 100 workers to seek prior approval for layoffs but introduce a provision to let government decide the number instead of seeking Parliament approval, will not ....**A**..... It is such restrictions that disincentives small enterprises from scaling up in India, while also hurting our competitiveness against countries like Bangladesh and Vietnam.

All the factor markets are crying out for liberalisation. Every effort in this direction will be rewarded with tangible improvements in the investment climate. The Modi government has taken the bold move of lowering corporate tax rates to the level of other Asian jurisdictions, with the aim of encouraging manufacturing to move to India. Completing this **virtuous** circle needs land, labour and capital reforms. As long as the labour unions get their way in protecting their own jobs inflexibly, new job creation will continue to suffer.

71. Which of following statements is are true as per the passage?
    (I) **NTPC's** core business is generation and sale of electricity to **state-owned** power distribution companies and **State** Electricity Boards in India.
    (II) Niti Aayog has prepared a list of 50 PSUs to make them financially well.
    (III) The Modi government has lowered corporate tax to encourage foreign investment in India.
    (a) Only (l)　　　　　　(b) Only (ll)
    (c) Only (lll)　　　　　(d) Both (l) and (ll)
    (e) Both (l) and (lll)

72. What does the author want to say with the line "Niti Aayog has prepared a list of around 50 PSUs that should be put on the block"?
    (I) Government has prepared the list to make some improvement in them.
    (II) To offer them for sale
    (III) To do business with them
    (a) Only (l)　　　　　　(b) Only (ll)
    (c) Only (lll)　　　　　(d) None of these
    (e) All the above

73. What can be inferred from the passage?
    (I) The move of government to establish the business firm promptly.
    (II) Government is focussing on privatisation of PSUs.
    (III) All the factor markets are crying out for liberalisation.

(a) Only (l)　　　　　　(b) Only (ll)
(c) Both (l) and (ll)　　(d) Both (ll) and (lll)
(e) All (l), (ll), (lll)

74. Why has the Modi government lowered the corporate tax?
    (I) To promote business firm in India.
    (II) To increase the government income to level the expenditure.
    (III) To buy the shares in different oil refineries.
    (a) Only (l)　　　　　　(b) Only (ll)
    (c) Only (lll)　　　　　(d) Both (l) and (ll)
    (e) Both (l) and (lll)

75. Which of the following word can replace the blank 'A'?
    (a) Suffice　　　　　　(b) Need
    (c) Efficient　　　　　(d) Make
    (e) Adequate

76. Which of the following word is/are the most similar in meaning to '**Juggling**' as per the passage?
    (a) Debunking　　　　(b) Exposing
    (c) Divulging　　　　　(d) Undeceiving
    (e) Beguiling

77. Which of the following word is/are the most similar in meaning to '**virtuous**' as per the passage?
    (a) Promiscuous　　　(b) Sinful
    (c) Spotless　　　　　(d) Flawless
    (e) Both (c) and (d)

DIRECTIONS (Qs. 78 -83): *given below is a paragraph against each number there is a blank. Fill the suitable word in the blanks.*

India seems to live in many centuries at once. In Karnataka a couple was stoned to death, four years after they got .....78........ He was a Dalit, her family opposed their relationship. The couple......79...... the social backlash, and worked as migrant construction labourers. On their return home, her brothers gathered a mob to hurl stones at them, killing them. This personal ......80...... has social roots: the refusal to accept a woman's freedom to love who she wants.

Stoning was the cruel and painful death prescribed for those who ....81...... social and sexual codes in the Bible, Torah, some Islamic hadiths and legal commentaries. When the idea of citizenship and its rights have not been internalised, then the family and group.....82........ their dreadful power. Patriarchy means that women have to bear the burden of collective "honour" – her freedom is destabilising to lineage and property. The rage of fathers and brothers is the fear of that disorder. And so, a woman simply choosing her own romantic path is enough to invite ......83....... violence – so that the community can maintain its warped notion of order.

As the Karnataka case shows, socially learnt hate can disfigure the impulses of love and care. Such dishonour killings have occurred in many parts of India. Social oppression continues to challenge the protections and guarantees of the liberal constitutional state. These crimes must be tackled with exemplary will, if we are to truly achieve our Constitution.

78. (a) Marry   (b) Married
    (c) Neglected   (d) Belonged
    (e) Thrown
79. (a) Flee   (b) Had fled
    (c) Ran   (d) Followed
    (e) Broke
80. (a) Feud   (b) Matter
    (c) Knowing   (d) Sympathy
    (e) Reconciliation
81. (a) Cry out   (b) Throw
    (c) Discuss   (d) Obey
    (e) Transgress
82. (a) Hide   (b) Kill
    (c) Exert   (d) Say
    (e) Misuse
83. (a) Blissful   (b) Grievous
    (c) silent   (d) Dead
    (e) Enough

DIRECTIONS (Qs. 84-88): *In the questions given below, there is a sentence in which one part is given in bold. The part given in bold, may or may not be grammatically correct. Choose the best alternative among the four given which can replace the part in bold to make the sentence grammatically correct. If the part given in bold is already correct and does not require any replacement, choose option (e), i.e. "No replacement required" as your answer*

84. The voice of the people **needs to be heard and factor in better to strength democracy**.
    (a) Need to be hear and factor in better to strength
    (b) Need to be heard and factor in better to strengthen democracy
    (c) Needs to be heard and factored in better to strengthen democracy
    (d) Needs to be hearing and factoring in better to strengthening democracy
    (e) None of these
85. The judiciary, on the other hand, must act as guardian and protector of the Constitution, **rather than enforced rights on its whim and benevolent.**
    (a) Rather than enforce rights on its whimsical and benevolent.
    (b) Rather than enforcing rights on its whims and benevolence.
    (c) Rather enforcing rights on whims than benevolence.
    (d) Enforcing rights on its whim and benevolent.
    (e) None of these
86. Delhi must improve project implementation; **as Lankan dependent on China will only deepen.**
    (a) Else Lankan dependence on China will deepen.
    (b) Else Lankan dependent on China would only deepen.
    (c) Else Lankan dependence on China will only deepen.
    (d) Else Lanka's dependency on China will only deepen.
    (e) None of these

87. In a strange and unusual procedure, **the court has seeked to go again in the issues** which the bench had already settled, and even to produce a new judgement.
    (a) The court has seeken to go again for the issues.
    (b) The court has seeked to emerge to go again to the issues.
    (c) The court has sought to go again into the issues.
    (d) The court had sought to go in the issues.
    (e) None of these
88. The constitutional rights of citizens should not be **abridged and due process of law should not be circumvent** in the name of fighting terrorism.
    (a) Abridge and due process of law should not be circumvent
    (b) Abridged and due process of law can be find
    (c) Abridged and due process of law should not be circumvented
    (d) Abridging , process of law should be circumvented
    (e) None of these

DIRECTIONS (Qs. 89-93): *In each of the questions given below a sentence is given with a blank. The sentence is then followed by five alternatives out of which one will fit the blank. Choose the alternative that will fit the blank most appropriately and make the sentence grammatically and contextually correct.*

89. This is unfortunate when there are .... from various sides on the rights of not just women but all citizens.
    (a) Pressure   (b) Pressures
    (c) Constrain   (d) Oppression
    (e) None of these
90. The Chief Justice of India Ranjan Gogoi has .... its judgement after a continuous 40-day hearing in the case.
    (a) Announce   (b) Pronounced
    (c) Given   (d) Change
    (e) postpone
91. Forgiveness and **..........** are personal values and may be important even in families.
    (a) repent   (b) prevent
    (c) remember   (d) repentance
    (e) none of these
92. Last week in a controversial move, India .... the autonomous status of Jammu and Kashmir, allowing India greater authority over the state's affairs. The announcement fanned tension with Pakistan.
    (a) Allowed   (b) Revoked
    (c) Allow   (d) Remember
    (e) None of these
93. By eliminating the .... effect of multiple central and state taxes, GST reduces the cost of doing business and increases profitability, which in turn will attract investments and ultimately lift GDP growth.
    (a) Pour   (b) Cascading
    (c) Moving   (d) Drop
    (e) None of these

DIRECTIONS (Qs. 94-98): *Read each sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is 'No error', the answer is (e). (Ignore errors of punctuation, if any.)*

94. We may be talking about a newspaper revamp, (a) / but in today's day and age, content is (b) / consumed across platforms (c) / Expect closer linkages between the physical product and their fast-growing digital cousins (d) / no error (e).

95. The city's website will allow anyone to track (a) / and find information on lobbyists (b) / and what they are being lobbying (c) /for as well as which government officials they have lobbied (d) / no error (e).

96. His concept of open data has been gaining momentum (a) / among local governments in recent years, (b) / but cities in India stubborn (c) / cling onto their culture of opacity (d) / no error (e).

97. The fate of our nurses held (a) / the imagination because they found themselves (b) / in a setting vitiated on over (c) / political control of northern Iraq (d) / no error (e).

98. An ambitious target of reducing fiscal deficit (a) / to 3% of GDP by fiscal 2017 will be profoundedly (b) / influenced by what happens to growth, (c) which is the lifeblood of government revenues (d) / no error (e).

DIRECTIONS (Qs. 99-100): *In the following questions two columns are given containing three sentences/phrases each. In first column, sentences/phrases are A, B and C and in the second column the sentences/phrases are D, E and F. A sentence/phrase from the first column may or may not connect with another sentence/phrase from the second column to make a grammatically and contextually correct sentence. Each question has five options which display the sequence(s) in which the sentences/phrases can be joined to form a grammatically and contextually correct sentence. Choose the pair(s) which make(s) a grammatically meaningful sentence.*

99. **Column 1**
   A. The good thing is that this budget is
   B. We believe even if the monsoon is subnormal
   C. if the government proactively takes pre-emptive supply-side measures

   Column 2
   D. not inflationary as the deficit is under check
   E. Such as releasing food grain stocks, making timely imports and cracking down on hoarders.
   F. The account had been used to mobilise people

   (a) A-E   (b) A-F
   (c) B-D   (d) C-D
   (e) A-D and C-E

100. **Column 1**
   A. Expectations from the Union Budget were
   B. After all, a decisive election mandate is always
   C. But the expectations of the common man

   Column 2
   D. Considered crucial to executing an economic rebound.
   E. Reeling under high inflation and reduced job opportunities are beyond what a budget can deliver in a short span of time.
   F. running ahead of reality and not without reason
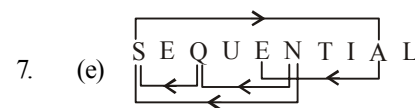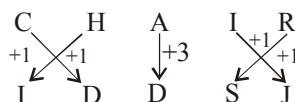
   (a) A-D   (b) C-E
   (c) B-F   (d) A-F and C-E
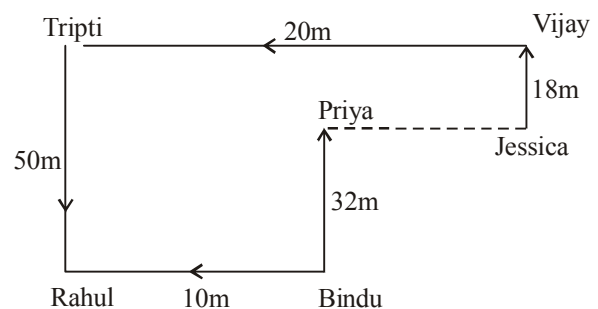   (e) A-D and C-E

HINTS & SOLUTIONS

Sol. **(1-5):**

Box	Colors
T	Peach
R	White
U	Oyster
S	Beige
P	Yellow
Q	Rose

1. (a)   2. (b)   3. (a)   4. (a)   5. (d)
6. (a)

7. (e)

8. (c)

9. (b)

Tripti — 20m → Vijay

18m

50m | Boby - - - ← - - - Priya - - - - - - - Jessica

32m

Rahul — 10m — Bindu

10. (c)

Tripti — 20m → Vijay

18m

Priya - - - - - - - Jessica

50m

32m

Rahul — 10m — Bindu

Sol. (11-15):

B M Q N D O P C A
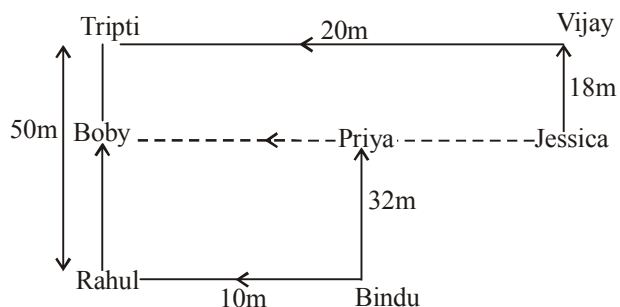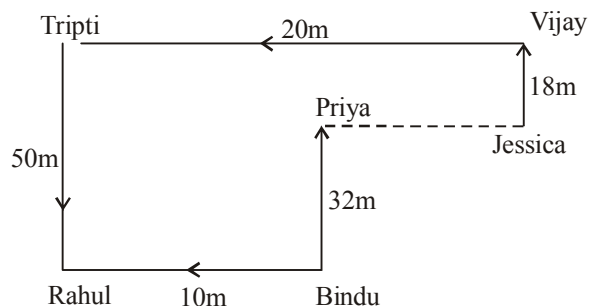
11. (e) **12.** (c) **13.** (b) **14.** (c) **15.** (d)

Sol. (16-18):

$$O > Q > R > N > M > P$$

84 cm   50 cm

16. (b) **17.** (b) **18.** (c)

Sol. (19-22):

Kalpesh = Mahesh

Jezz = Chandni

Boby — Diya =   Rahul = Nidhi

Vijay   Himansh   Lily
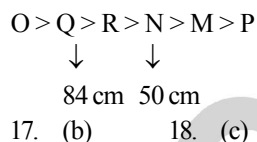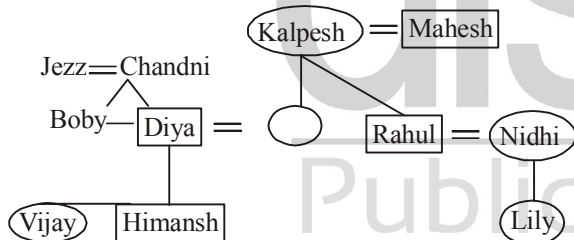
19. (c) **20.** (a) **21.** (b) **22.** (a)

23. (e) The logic for the above question is discussed below:

© $\xrightarrow{1}$ J $\xrightarrow{1}$ P   Q $\xrightarrow{1}$ E $\xrightarrow{1}$ *

% $\xrightarrow{1}$ W $\xrightarrow{1}$ I   @ $\xrightarrow{1}$ 9 $\xrightarrow{1}$ V

$\xrightarrow{1}$ 1 $\xrightarrow{1}$ δ

Sol. (24-27):

24. (a)

Fan Plants   Table   Chocolate

25. (b)

Cherry / Banana / Dates   ✕   Watermelon

26. (d)

Ant Cow   ✕   Joker Deer

27. (e)
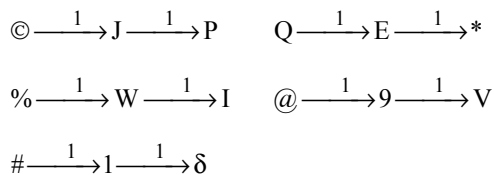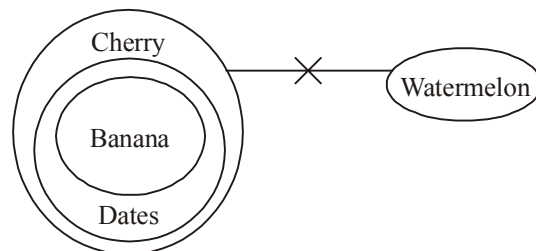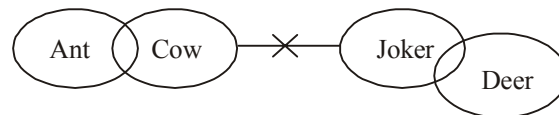
Pen Pencil   ✕   Date
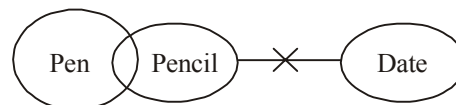
Sol. (28-32):

Floors	Persons
10	Tiya
9	Jay
8	Quan
7	Gagan
6	Rashi
5	Piya
4	Uday
3	Sita
2	Ziva
1	Vinay

28. (d) **29.** (c) **30.** (d) **31.** (a) **32.** (c)

Sol. (33-35):

Banana

Coconut ← → Orange

Apple   Mango   Nectarine
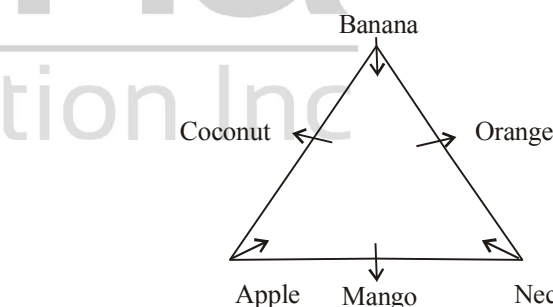
33. (b) **34.** (d) **35.** (a)

36. (d) Let the present age of P, Q and R be x, y and z years respectively

According to the question,

$(x + 3) + (y + 3) = (y + z) + 14$

$x - z = 8$ ...(i)

And $(x - 3) + (z - 3) = 30$

$x + z = 36$ ...(ii)

From (i) and (ii)

$z = 14$ years

37. (b) Let the profit earned on second Beg be x%
Using allegation method,

10   x

                    13

(x − 13)   3
1   :   1......(ratio of cost price)
⇒   x = 16%
According to the question,
3% = ₹ 90
So, cost price = 100% = ₹ 3000

38. (c) Let the speed of boat in still water and the speed of current be 15x km/hr and x km/hr respectively
According to the question,

$$\frac{\left(\dfrac{D}{16x}\right)}{\dfrac{(D-45)}{14x}}=\frac{5}{3}$$

D = 94 km.

39. (e) Let the quantity of mixture be 100x lit
Quantity of Alcohol = 66x lit
And quantity of water = 34x lit
Quantity of water taken = 17x lit
Quantity of Alcohol taken = 33x lit
According to the question,
16 x = 64
x = 4 lit
Required quantity of Alcohol = 33 × 4 = 132 lit

40. (a) Let side of square be '8x' cm

So, length of rectangle = $8x \times \dfrac{1}{4} = 2x$ cm

And, breadth of rectangle = x cm
According to the question,
$4 \times 8x - 2(x + 2x) = 40$
26x = 40
x = 1.54 cm
Perimeter of triangle = Perimeter of rectangle
= 2 (1.54 + 3.08) = 9.23 cm

41. (c) Total Boys visiting national park in March

$$=\frac{30}{100}\times4000\times\frac{5}{12}\times\frac{120}{100}$$

$$=1200\times\frac{5}{12}\times\frac{6}{5}=600$$

Total Girls visiting national park in March

$$=\frac{25}{100}\times4000\times\frac{3}{5}\times\frac{4}{3}=800$$

Required sum = 800 + 600 = 1400

42. (e) Total Girl visiting national park in January and May together

$$=\frac{30}{100}\times4000\times\frac{7}{12}+\frac{45}{100}\times4000\times\frac{4}{9}$$

$$=700+800=1500$$

Total Boy visiting national park in April and January together

$$=\frac{25}{100}\times4000\times\frac{2}{5}+\frac{45}{100}\times4000\times\frac{5}{9}$$

$$=400+1000=1400$$

Required percentage $=\dfrac{1500-1400}{1400}\times100=7\dfrac{1}{7}\%$

43. (a) Required average $=\dfrac{400+500+1000}{3}=\dfrac{1900}{3}=633\dfrac{1}{3}$

44. (b) Total amount obtained in April = 400 × 45 + 600 × 40
= 18000 + 24000 = ₹ 42000
Total amount obtained in January = 1000 × 45 + 40 × 800
= 45000 + 32000 = 77000
Required difference = 77000 − 42000 = ₹ 35000

45. (d) Required ratio = 400 : 700   ⇒ 4 : 7

46. (e) I. $x^2 - 15x + 54 = 0$
$x^2 - 9x - 6x + 54 = 0$
$x(x - 9) - 6(x - 9) = 0$
x = 9, 6
II. $y^2 - 8y - 9y + 72 = 0$
$y(y - 8) - 9(y - 8) = 0$
y = 8, 9
no relation can be established between x and y.

47. (e) I. $x^2 + 12x + 27 = 0$
$x^2 + 9x + 3x + 27 = 0$
$x(x + 9) + 3(x + 9) = 0$
$(x + 9)(x + 3) = 0$
x = −3, −9
II. $y^2 + 5y + 9y + 45 = 0$
$y(y + 5) + 9(y + 5) = 0$
y = −5, −9
So, no relation can be established between x and y

48. (a) I. $x^2 + 31x + 238 = 0$
$x(x + 14) + 17(x + 14) = 0$
x = −17, −14
II. $y^2 + 47y + 552 = 0$
$y(y + 24) + 23(y + 24) = 0$
y = −23, −24
So, x > y

49. (d) I. $x^2 - 15x + 14 - 210 = 0$
$x(x - 15) + 14(x - 15) = 0$
$(x + 14)(x - 15)$
x = 15, −14
II. $y^2 - 15y - 16y + 240 = 0$
$y(y - 15) - 16(y - 15) = 0$
⇒ (y − 15)(y − 16)
y = 16, 15
So, x ≤ y

50. (b) I. $x^2 = 225$
x = −15, + 15
II. y = −15
So, x ≥ y

51. (a) Required % = $\frac{(840+720)-(720+800)}{(720+840)} \times 100 = 3\%$

52. (b) Required ratio = $\frac{920+540}{440+720} = 73:58$

53. (c) Required % = $\frac{(920+640)-(800+400)}{(800+400)} \times 100 = 30\%$

54. (d) No. of packets sold by shop U

$= \frac{1}{3}[720+540+840] + \frac{1}{2}[440+720]$

$= 700+580 = 1280$

Required price $= 1280 \times 260 \times \frac{140}{100}$

$= ₹465920$

55. (c) Required difference $= (920+640+720+540+840)$
$- (440+880+800+400+720)$
$= 3660-3240 = 420$

56. (b)
$$300 \quad 297 \quad 285 \quad 263 \quad 230 \quad \boxed{185}$$
$$-3 \quad -12 \quad -22 \quad -33 \quad -45$$
$$9 \quad 10 \quad 11 \quad 12$$

57. (d) The pattern is $-150 \times 0.5 + 5 = 80$
$80 \times 1 + 10 = 90$
$90 \times 1.5 + 15 = 150$
$150 \times 2 + 20 = 320$
$320 \times 2.5 + 25 = \mathbf{825}$

58. (d) The pattern is: $\times 6, \times 5, \times 4, \times 3, \times 2, \ldots$
$\therefore$ $? = 300 \times 3 = 900$

59. (b) The pattern is: $\times 0.5 + 0.5, \times 1 + 1, \times 1.5 + 1.5, \times 2 + 2, \times 2.5 + 2.5$
$20 \times 2.5 + 2.5 = \mathbf{52.5}$

60. (c) The pattern is: $+8, -16, +24, -32, +40$
$? = 108 + 8$
$= 116$

61. (b) According to the question,

$\frac{\text{profit of Bindu}}{\text{Total profit}} = \frac{3}{7} = \frac{(X+4000) \times 6}{X \times 12 + (X+4000) \times 6}$

$7X + 28000 = 9X + 12000$
$2X = 16000$
$X = 8000$

62. (d) Interest earned from scheme P $= \frac{3000 \times R \times 4}{100} = 120R$

Interest earned from scheme Q $= \frac{(3000-x) \times 2R \times 4}{100}$

$= \frac{2R(3000-x)}{25}$

According to question,

$120R = \frac{3}{4} \times \frac{2R(3000-x)}{25}$

$80 \times 25 = 3000 - x$
$2000 = 3000 - x$
$x = 1000$

63. (a) According to the question,

$80 \times 24 = 32x + 48 \times \frac{50}{3}$

$1920 = 32x + 800$
$x = 35$

64. (b) Radius of base of cylinder $= \frac{88}{2 \times 22} \times 7 = 14$ cm

Volume of cylinder $= \frac{22}{7} \times 14 \times 14 \times 8 = 4928$ cm³

65. (e) *Let speed of train P* $= S_p$
According to the question,

$S_p = \frac{157.5}{8.75} = 18$ m/s

Let speed of train Q $= S_q$
Now,

$18 + S_q = \frac{(157.5+175)}{7.25}$

$S_q = 45.86 - 18$
$S_q = 27.86$ m/s

Relative speed if train P and Q running in same direction
$= 27.86 - 18$
$= 9.86$ m/s

Required time $= \frac{157.5+175}{9.86}$

$= 33.72$ Sec.

66. (b)

	P	Q	R
Veg roll	144	120	126
egg roll	112	160	90

Required total amount $= 120 \times 200 + 160 \times 300$
$= 24000 + 48000 = 72000$

67. (a) Required ratio $= \frac{144+126}{160+90} = \frac{270}{250} = \frac{27}{25}$

68. (e) Required ratio $= \frac{144+120+126}{3} = 130$

69. (b) Required percentage $= \frac{270}{250} \times 100$

$= \frac{27}{25} \times 100 = 108\%$

70. (a) Required sum $= \frac{4}{3} \times 120 + \frac{7}{4} \times 112$

    $= 160 + 196 = 356$

71. (e) Both the options (l) and (ll) are correct according to the passage

72. (b) Only (ll) to offer them for sale is the correct substitute for 'to put on the block'.

73. (e) All the options are correct according to the passage

74. (a) only (l) is the right option

75. (a) 'Suffice' is the right word to fill the blank 'A'.

76. (e) The word 'juggling' means *deceiving, beguiling or to hide something*. Hence option (e) is the right answer. Other words are nearly opposite to the word 'juggling'.

77. (e) The word 'virtuous' means 'having or showing high moral standards', Hence both the options (c) and (d) are synonymous to the given word. Words 'promiscuous' and 'sinful' are opposite to the word 'virtuous'

78. (b) Married is the right word combination with the verb 'got'.

79. (b) 'had fled' is the right option. The word 'fled' is the past form of 'flee' which means 'to run away from a place or situation of danger.

80. (a) The word 'feud' is the right choice which means 'dispute', 'quarrel', the word reconciliation means 'the restoring of friendly relations'.

81. (e) The word 'transgress' means 'an offence' an act against law'
Hence the option (e) is the right option.

82. (c) The word 'exert' means 'make an effort' is the right choice.

83. (b) The right adjective to describe 'violence' is 'grievous' The word 'grievous' means 'very severe or serious.

84. (c) Option '(c)' is the correct alternative to the bold fragment, after the modal + to + be + V3 form is used and before the noun 'democracy' *strengthen* word is the right choice.

85. (b) The bold fragments should be replaced with option (b) as the word 'enforcing' is the right choice before the word 'rights' the word joined and should be noun here. So, whims and benevolence are the right options on the place of benevolent (adjective).

86. (c) The word 'as' is used to show the reason, here the word 'as' should be replaced with 'else' and 'dependent' should be replaced with 'dependence'.

87. (c) The options (a) and (b) get ruled out as past form of the word 'seek' is sought not seeken or seeked. Option (c) is the right choice as the word sought and preposition 'into' is used in this option.

88. (c) Option (c) is the right option as after the modal 'should' verb third form should be used.

89. (b) The word 'are' is used before the blank space, it means the word in the blank should be plural in form. Hence, the option (b) is the right option.

90. (b) The word 'has' is followed with past participle form of the verb and in the options only two word: given and pronounced are used in the past participle form. The word 'pronounced' means 'declare or announce in a formal or solemn way.

91. (d) 'Forgiveness (Noun) and.......... (Noun)' is the right combination. Hence option (d) is the right choice.

92. (b) The word 'revoked' means 'officially cancel (a decision, decree) is the right choice.

93. (b) The gerund should be used before the word 'effect (noun)' hence the word 'cascading' is the right option before the word 'effect'.

94. (d) 'Their' should be replaced with 'its' because 'physical product' is singular.

95. (c) The word 'are' should be used instead of 'are being'

96. (c) The word 'stubborn' is used to describe 'cling (verb)' so, adverb form 'stubbornly' should be used instead of 'stubborn'.

97. (c) The phrase 'vitiated on' should be replaced with 'vitiated'.

98. (b) 'will be profoundedly' should be replaced with 'will be profoundly'.

99. (e) Both the matching A-D and C-E and are correct combination.

100. (d) Both the matching A-F and C-E are correct combination.