Memory Based RBI Assistant Pre 2017

Directions: Study the following information carefully and answer the questions given below.

In a certain code language 'notification of the Indian government' is written as 'doo see mo nee ti', government notification published' is written as 'see jo mo', 'published by authority' is written as 'jo pi ga', and 'notification of authority' is written as 'pi see ti'.

Q1. Which of the following represents the code for 'government notification by authority'?
(a) see ga pi mo
(b) mo pi see nee
(c) ga pi mo ti
(d) jo mo pi ga
(e) none of these

Directions (2-6): Study the following information to answer the given questions.

Twelve people are sitting in two parallel rows containing six people each, in such a way that there is an equal distance between adjacent persons. In row-1 P, Q, R, S, T and V are seated and all of them are facing South. In row-2 A, B, C, D, E and F are seated and all of them are facing North. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row.
S sits third to right of Q. Either S or Q sits at an extreme end of the line. The one who faces Q sits second to right of E. Two people sit between B and F. Neither B nor F sits at an extreme end of the line. The immediate neighbour of B faces the person who sits third to left of P. R and T are immediate neighbours of each other. C sits second to the left of A. T does not face the immediate neighbour of D.

Q2. Who amongst the following sit at extreme ends of the rows ?
(a) S, D
(b) Q, A
(c) V, C
(d) P, D
(e) Q, F

Q3. How many persons are seated between V and R?
(a) One
(b) Two
(c) Three
(d) Four
(e) None
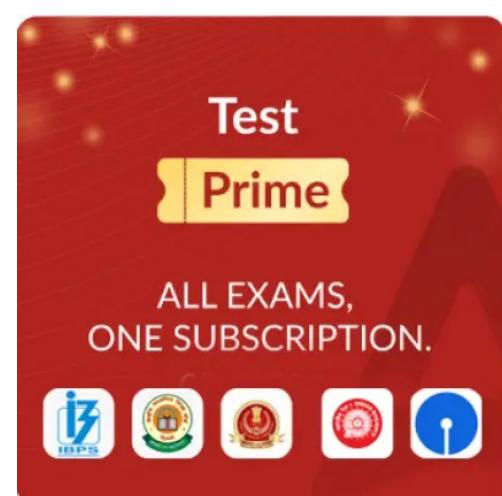
Q4. P is related to A in the same way as S is related to B based on the given arrangement. To which of the following is T related to, following the same pattern?
(a) C
(b) D
(c) E
(d) F
(e) Cannot be determined

Q5. Which of the following is **true** regarding T ?
(a) F faces T
(b) V is an immediate neighbour of T
(c) F faces the one who is second to right of T
(d) T sits at one of the extreme ends of the line
(e) Q sits second to the right of T

Q6. Four of the following five are alike in a certain way based on the given arrangement and so form a group. Which is the one that **does not** belong to that group?
(a) A-T
(b) B-T
(c) F-P
(d) C-V
(e) E – Q

Directions (7-11): Study the given information carefully and answer the given questions:

Seven Exams – U, V, W, X, Y, Z and F are to be held on seven consecutive days (starting on Sunday and ending on Saturday) not necessarily in the same order. Only one exam can be held on one day. Only two exams will be held after exam F. Only two exams will be held between exam Z and exam F. Only three exams will be held between exam V and exam Y. Exam V will not be held on Saturday. Exam U will be held before exam X and exam W. Exam W will be held after exam X (not necessarily immediately after).

Q7. Exam X will be held on which day?
(a) Monday
(b) Tuesday
(c) Thursday
(d) Wednesday
(e) Saturday

Q8. Which exam will be held immediately after exam W?
(a) Exam Y
(b) Exam Z
(c) Exam V
(d) Exam F
(e) None of these

Q9. Which exam will be held on Sunday?
(a) Exam Z
(b) Exam V
(c) Exam Y
(d) Exam X
(e) Exam U

Q10. If all seven exams are held in the alphabetical order of their names starting on Sunday and ending on Saturday, the positions of how many will remain unchanged as compared to the original schedule?
(a) Three
(b) More than three
(c) One
(d) None
(e) Two

Q11. If exam Z is related to Sunday in a certain way based on the given schedule. Similarly, If exam F is related to Wednesday. In the same way, exam V is related to which of the following days?
(a) Wednesday
(b) Friday
(c) Monday
(d) Saturday
(e) Sunday

Directions (12-15): In these questions, relationship between different elements is shown in the statements. The statement is/are followed by two conclusions. Study the conclusions based on the given statements and Give answer-
(a) If only conclusion I is true.
(b) If only conclusion II is true.
(c) If neither conclusion I nor conclusion II is true.
(d) If either conclusion I or II is true.
(e) If both conclusions I and II are true.

Q12. Statements: $A < B \leq C = D, K \geq J > C$
Conclusions: **I.** $C < K$ **II.** $B \leq D$

Q13. Statements: $A < B \leq C = D, K \geq J > C$
Conclusions: **I.** $A \geq J$ **II.** $K > B$

Q14. Statement: $B \geq L > A \geq N < K$
Conclusions: **I.** $B > N$ **II.** $L < K$

Q15. Statement: $B \geq L > A \geq N < K$
Conclusions: **I.** $L > N$ **II.** $L = N$

Directions (16-20): Following questions are based on the five three-digit numbers given below

753   481   647   374   298

Q16. If all the digits in each of the numbers are arranged in descending order within the number, which of the following will form the lowest in the new arrangement of numbers?
(a) 753
(b) 481
(c) 647
(d) 298
(e) 374

Q17. If all the numbers are arranged in ascending order from left to right, which of the following will be the sum of all the three digits of the number which is exactly in the middle of the new arrangement.?
(a) 17
(b) 15
(c) 14
(d) 13
(e) 19

Q18. What will be the resultant of third digit of the lowest number is multiplied with the second digit of the highest number?
(a) 27
(b) 40
(c) 20
(d) 45
(e) 19

Q19. If the positions of the second and the third digits of each of the numbers are interchanged, how many even numbers will be formed?
(a) None
(b) One
(c) Two
(d) Three
(e) Four

Q20. If two is added to the first digit of each of the numbers, how many numbers thus formed will be divisible by three?
(a) None
(b) One
(c) Two
(d) Three
(e) Four
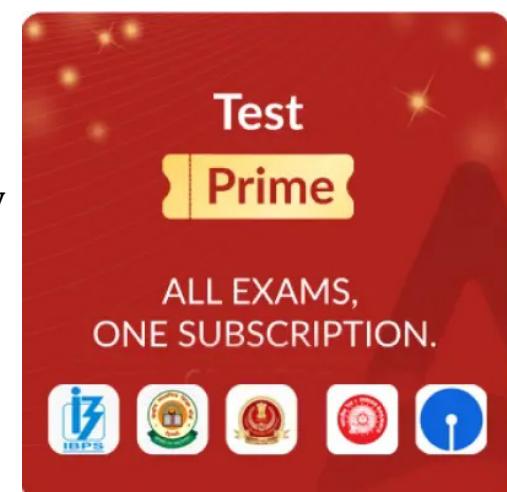
Q21. Raj leaves his home and goes straight 20 meters, then turns right and goes 10 meters. He turns left and goes 30 meters and finally turns right and starts walking. If he is moving in the north direction, then in which direction did he start his walking?
(a) East
(b) West
(c) North
(d) South
(e) None of these

Q22. Village B is situated to the north of village A, village C is situated to the east of village B, village D is situated to the left of village A, in which direction is village D situated with respect to village C?
(a) West
(b) South-East
(c) South
(d) North-West
(e) None of these

Q23. Rohan said pointing towards a picture, "That picture is a sister of grandson of father of my maternal uncle". How is the lady in the picture related to Rohan?
(a) Father's sister
(b) Mother's sister
(c) Cousin (maternal brother)
(d) Cousin (maternal sister)
(e) None of the above

Q24. Priya points towards Pritam and says, "That person is the only son-in-law of my father". How is Priya related to Pritam?
(a) Aunt
(b) Mother
(c) Grandmother
(d) Wife
(e) None of the above

Directions (25-29): Study the following arrangement carefully and answer the questions given below:
(B 4 S T U V K 3 % F @ © L N 5 P 1 O $ E 2 D C 6 # 9 Z Q8)
W ∗ M A

Q25. Which of the following is sixth to the left of the fifteenth from the left end of the given arrangement?
(a) 2
(b) #
(c) %
(d) $
(e) Other than the given as option

Q26. How many such numbers are there in the given arrangement each of which is immediately preceded by a consonant but not immediately followed by a letter?
(a) One
(b) None
(c) Five
(d) Two
(e) Four

Q27. How many such symbols are there in the arrangement, each of which is immediately followed by a letter but not immediately preceded by a number?
(a) One
(b) Three
(c) None
(d) Two
(e) More than three

Q28. What should come in place of question mark (?) in the following series based on the above arrangement?
TV3   @L5   OED ?
(a) 69Q
(b) #Z8
(c) 6#9
(d) #9Z
(e) Other than the given options

Q29. Four of the following five are alike in a certain way based on their positions in the given arrangement and so from a group. Which is the one that does not belong to that group?
(a) DC6
(b) @©L
(c) 9ZQ
(d) 5P1
(e) #MW

Q30. How many such pairs of letters are there in the word "**ANIKET**" each of which has as many letters between them in the word as in English alphabet ?
(a) Four
(b) One
(c) Two
(d) More than four
(e) None of these

Q31. In a row of children facing North, Rajan is twelfth from the right end and is fifth to the right of Satyarthi who is tenth from the left end. Total how many children are there in the row?
(a) 29
(b) 28
(c) 26
(d) 27
(e) None of these

Q32. Prem goes 10 km towards north, from there he goes 6 km towards south, then he goes 3 km towards east. Find out in which direction and how far is he from the starting point?
(a) 7 km, West
(b) 7 km, East
(c) 5 km, West
(d) 5 km, North-East
(e) None of these

Q33. In a certain code language 'ANT' is written as '731' and 'SAW' is written as '574' and 'EAR' is written as '871'. How will ANSWER be written in that code language?
(a) 735841
(b) 753841
(c) 743861
(d) 735481
(e) Other than those given as options

Q34. If P means '–', N means '×', O means '÷ ' and M means '+' then
2 M 90 O 4 N 4 P 8 = ?
(a) 90
(b) 82
(c) 84
(d) 80
(e) 86

Q35. Read the following information carefully and answer the following questions.
'A + B' means 'A is sister of B'
'A × B' means 'A is mother of B'
'A – B' means 'A is brother of B'
'A ÷ B' means 'A is father of B'
What will come in place of question mark (?) if K is paternal grandmother of L?
K × H + U ? I + L
(a) +
(b) ×
(c) –
(d) ÷
(e) Either (b) or (d)

Directions (36-40): Given below, the bar graph shows number of three type of markers sold by five different sellers. Study the data carefully & answer the following questions.
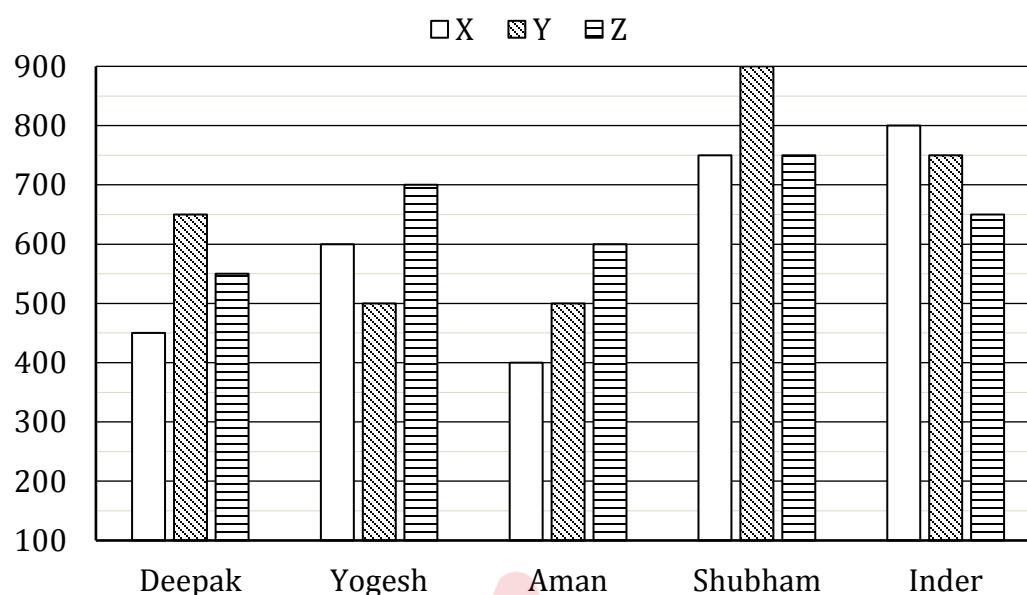
Q36. Total markers sold by Deepak is what percent less than the total markers sold by Inder?
(a) 25%
(b) $33\frac{1}{3}\%$
(c) 50%
(d) $66\frac{2}{3}\%$
(e) 75%

Q37. Find the ratio of 'Y' type marker sold by all the five sellers together to 'Z' type marker sold by all the five sellers together?
(a) 23 : 22
(b) 22 : 23
(c) 65 : 66
(d) 66 : 65
(e) 33 : 32

Q38. Average number of marker sold by Yogesh is how much more than average number of marker sold by Aman?
(a) 50
(b) 100
(c) 150
(d) 200
(e) 250

Q39. 'X' type marker sold by Yogesh, Shubham and Aman together is what percent less than 'Z' type marker sold by Yogesh, Shubham and Inder together?

(a) $33\frac{1}{3}\%$

(b) $26\frac{2}{3}\%$

(c) 25%

(d) 20%

(e) $16\frac{2}{3}\%$

Q40. Total number of markers sold by Deepak, Yogesh and Aman together is how much more than total number of markers sold by Shubham and Inder?

(a) 150

(b) 250

(c) 350

(d) 450

(e) 550

Directions (41-45): What will come in place of the question mark (?) in the following number series?

Q41. 16, 20, 28, 44, ?

(a) 82

(b) 76

(c) 60

(d) 52

(e) 96

Q42. 2, 11, 36, 85, ?, 287

(a) 163

(b) 166

(c) 170

(d) 185

(e) 206

Q43. 8, 6, 14, 40, ?

(a) 151

(b) 148

(c) 80

(d) 162

(e) 98
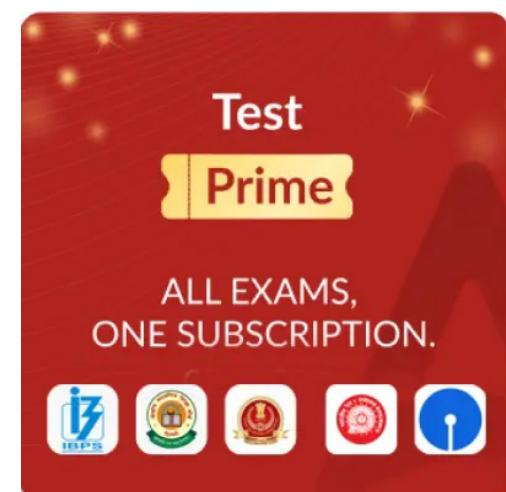
Q44. 3,   83,   152,   208,249 ,   ?
(a) 280
(b) 320
(c) 265
(d) 351
(e) 273

Q45. 2,   14,   70,   ?,   420
(a) 190
(b) 320
(c) 210
(d) 200
(e) 315

Q46. A, B and C started a business with Rs 60,000. Amount invested by 'A and C' together is twice than that of 'B' while amount invested by 'A' and 'B' together is thrice then that of 'C'. 'A' invested for 6 months, 'B' for 9 months and 'C' for a year. Find the share of 'B' out of total profit of Rs 3400.(in Rs.)
(a) 1200
(b) 1800
(c) 1000
(d) 1400
(e) 1500

Q47. The population of a village is 4500. If number of males increases by 15% and number of females increases by 25% then the population of village become 5325. Number of males is what percent of the Number of females in the village.
(a) 100%
(b) 125%
(c) 150%
(d) 175%
(e) 200%

Q48. A spherical cannon ball of diameter 24 cm is melted and casted into two cylinders of equal size and shape having base radius 8 cm. Find the height of each cylinder?
(a) 36 cm
(b) 18 cm
(c) 32 cm
(d) 20 cm
(e) 16 cm

Q49. A man can row 30 km upstream and 44 km downstream in 10 hours. It is also known that he can row 40 km upstream and 55 km downstream in 13 hours. Find the speed of the man in still water.
(a) 10 km/hr
(b) 8 km/hr
(c) 12 km/hr
(d) 14 km/hr
(e) 16 km/hr

Q50. A mixture contains wine and water in the ratio 5 : 1. On adding 5 litre of water, the ratio of wine to water becomes 5 : 2. The quantity of wine in the mixture is ?
(a) 20 l
(b) 22 l
(c) 24 l
(d) 26 l
(e) 25 l

Q51. 'X', 'Y' and 'Z' together can complete a work in one day. 'X' and 'Z' together can do same work as 'Y' alone do while 'Y' and 'Z' together can do five time as much work as 'X' do alone. Find the time taken by 'Z' to complete the work.
(a) 2 days
(b) 3 days
(c) 4 days
(d) 6 days
(e) 1 days

Q52. Cost price of a bat and a ball is Rs. 75. Retailer sold bat at 40% profit and ball at 60% loss. Find the cost price of bat if in whole transaction he earns Rs. 20 as profit?
(a) Rs.60
(b) Rs.65
(c) Rs.55
(d) Rs.50
(e) Rs.45

Q53. Aman starts from point A at 2 : 00 pm and move towards point B at a speed of 25 km/hr while Sandeep leave point B at 4 : 00 pm and move towards point A at a speed of 35 km/hr speed. If distance between A and B is 410 km, then at what time Aman and Sandeep cross each other?
(a) 7: 00 p.m.
(b) 8 : 00 p.m.
(c) 9 : 00 p.m.
(d) 10 : 00 p.m.
(e) 11 : 00 p.m.

Q54. Difference between CI and SI on a sum for 3 year at 20% p.a. is 176, Find the simple interest on the sum after 2 year at 10% p.a.?
(a) 225
(b) 250
(c) 275
(d) 300
(e) 350

Q55. How many 4 digits number can be formed using 2, 3, 5, 7, 6 and 9 if the number should be divisible by '4' and repetition is not allowed?
(a) 120
(b) 96
(c) 160
(d) 64
(e) 296

Directions (56-65): What should come in place of question mark (?) in the following questions?

Q56. $2652 - 441 + 928 - 6\frac{2}{3}\%$ of $3375 = ? + (31)^2$
(a) 1953
(b) 1853
(c) 1825
(d) 1935
(e) 1950

Q57. $(3080 + 6160) \div ? = 330$
(a) 27
(b) 25
(c) 28
(d) 24
(e) 23

Q58. $5\frac{15}{17}\%$ of $4913 - (15)^2 = (?)^2$
(a) 9
(b) 11
(c) 7
(d) 6
(e) 8

Q59. $? \times (523.5 + 687.5) = 24220$.
(a) 31
(b) 20
(c) 42
(d) 18
(e) 24

Q60. $(272 - 32) \times (124 + 176) \div (17 \times 15 - 15) = ? + 15 \times 16$
(a) 50
(b) 65
(c) 72
(d) 60
(e) 55

Q61. 125% of $92 - \sqrt[3]{4096} + ? = \sqrt{10201}$
(a) 5
(b) 2
(c) 4
(d) 3
(e) 9

Q62. $3\frac{1}{2} + 4\frac{3}{4} + 9\frac{3}{4} + 6\frac{7}{8} = ? + 5\frac{3}{4} \times \frac{1}{2} + 19$
(a) 13
(b) 9
(c) 16
(d) 3
(e) 2

Q63. $(1156)^{1/2} - (1728)^{1/3} + 178 - (?)^2 = \sqrt{2025} + 55$
(a) 100
(b) 12
(c) 144
(d) 15
(e) 10

Q64. $111 \times 36 - (61)^2 - (?)^2 = 3150 - (10)^2 - 3000$.
(a) 15
(b) 16
(c) 18
(d) 14
(e) 13

Q65. $(2744)^{1/3} + (17)^2 - 3 = ? - 79 \times 8$
(a) 930
(b) 938
(c) 918
(d) 994
(e) 932
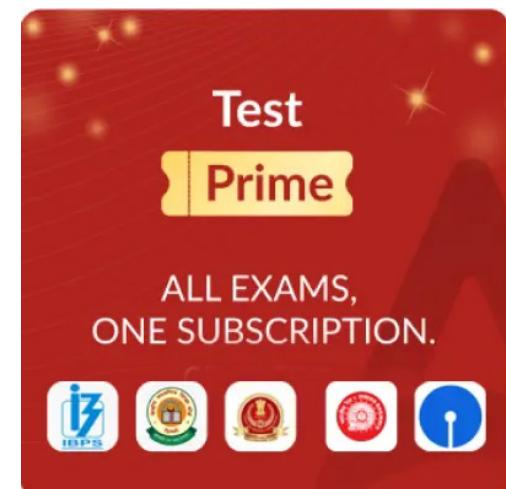
Q66. The time taken by a boat to row 21 km with the stream is same as the time taken by it to row 12 km against the stream. If the speed of boat in still water is 5.5 kmph, find speed of stream ?
(a) 2 kmph
(b) 4 kmph
(c) 1.5 kmph
(d) 2.5 kmph
(e) 3.5 kmph

Q67. A and B can complete a piece of work in 6 days, B and C in 8 days and A and C together can finish it in 12 days. If they work together and A leaves the work after 4 days, then how many days B and C will take to complete the remaining work ?
(a) 4 days
(b) 5 days
(c) 3 days
(d) 6 days
(e) 2 days

Q68. A path of width 1.5 m is to be built around a rectangular park of length 12 m and breadth 9 m. Find the area of the rectangular path
(a) 72 m²
(b) 60 m²
(c) 75 m²
(d) 80 m²
(e) 65 m²

Q69. Find the probability of selecting two face cards or two number cards from a pack of 52 cards?
(a) 61 : 77
(b) 121 : 212
(c) 60 : 121
(d) 116 : 221
(e) 125 : 221

Q70. If the population of city A increases by 10% and then decrease by 12% it becomes equal to $14\frac{2}{7}$% of city B's population. Find the population of city A initially, if B's population is 13,552?
(a) 2500
(b) 3000
(c) 2000
(d) 3200
(e) 2800

Directions (71-80): Read the following passage carefully and answer the questions given below it. Certain words have been printed in bold to help you locate them, while answering some of the questions.

Anyone who shops knows the cost of food is on the rise. Our grocery bills rise because the prices of key staple are on an upward trend that shows no sign of abating. When food suddenly costs more, those who can least afford it get hit hardest. On average, Canadians spend less than ten percent of their income on food. However, people living in poverty spend 50 percent and the poorest as much as 75 percent of their income on food. When prices mushroom, these people must do without, and it is women who most frequently eat last and least. The current global food situation is very serious and hence, we need to understand the reasons for such a dramatic increase in food prices in a short period.

It is argued that increases in energy costs are resulting in cost push inflation but the contribution of energy costs to overall costs in agriculture may not explain the huge increase in food prices.

Related to the current elevated energy prices, there has been a diversion of corn and edible oils to bio-fuels, which is significantly influenced by policy mandates. Very clearly this diversion to bio-fuels is a policy induced new reality, which coincided with price escalation in precisely those products and

hence, is noteworthy.

The financialization of commodity trade and current extraordinary conditions in global financial markets could have influenced the spurt in prices. The recent reductions in interest rates in the U.S. and the injection of liquidity have resulted in investors seeking new avenues such as commodity markets, in view of the turbulence in financial markets and the low returns in treasuries. The relatively easy liquidity and low interest rates, by themselves, make holding of inventories attractive and thus induce greater volatility in commodity markets. The weakening of the U.S. dollar is also advanced as a reason for the recent **volatility** in commodity markets, including food items. It is evident that this phenomenon is now also coinciding with the across the board rise in food prices.

In brief, while there are demand and supply side pressures on food items, there is considerable merit in the argument that the recent extraordinary increases in food prices are closely linked to public policy responses to high energy costs in advanced economies, and the turbulence in financial markets and financial institutions. It is said that the impact of such policy induced diversion of food to bio-fuels is significant at this juncture and reflects a preference to fill the fuel tanks of automobiles rather than fill the empty stomachs of people. Similarly, it is sometimes held that the weight accorded to financial stability in public policy may now be at the expense of stability in real sector – especially of sensitive commodities like food. At the same time, there is a general consensus that public policy in regard to food in many economies around the world has not provided adequate incentive to farmers to increase the supply of food and other agricultural products to comfortably match the growing demand over the medium term.

Q71. The passage lays emphasis on which of the following themes?
(A) The abysmally throwaway prices offered for food commodities.
(B) The worldwide acute shortage of food commodities.
(C) Promoting the use of bio-fuel for automobiles.
(a) A only
(b) B only
(c) C only
(d) All the three
(e) None of these

Q72. In what way are bio-fuels responsible for the increasing cost of food?
(A) It is a policy mandated to use bio-fuel in place of petroleum products especially in developing countries.
(B) Certain food commodities are being used for manufacturing alternative fuels.
(C) The low cost of bio-fuels has created fluctuation in prices of other agricultural commodities.
(a) A only
(b) B only
(c) C only
(d) A and B only
(e) None of these

Q73. Which of the following situations has/have prompted investors to look towards commodity markets?
(A) Low interest rates in the U.S.
(B) Easy liquidity
(C) Volatility in commodity prices
(a) A and B only
(b) B and C only
(c) A and C only
(d) All the three
(e) None of these

Q74. Which of the following shows a cause-effect relationship between its two components?
(a) Reduction in interest rates and abundance of food commodities
(b) Reduction in energy prices and increase in food commodity prices.
(c) Turbulence in financial markets and escalation in production of food commodities.
(d) Dipping of U.S. dollar value and volatility in commodity markets
(e) Injection of liquidity and the drop-in investor confidence.

Q75. Which of the following can be inferred from the passage?
(A) At present the demand for food items exceeds the supply.
(B) Fuel production has been given higher priority than caring for the millions who are starving.
(C) Farmers have not been motivated to increase their production of food.
(a) A and B only
(b) B and C only
(c) A and C only
(d) None of these
(e) All A, B & C

Q76. Which of the following can be a remedy for the global situation mentioned in the passage?
(A) Reducing the production of cars and thereby the demand for energy.
(B) Inducing farmers to increase their food and other agricultural products.
(C) Increasing the prices of food items to compensate farmers for their losses.

(a) A only
(b) A and B only
(c) B only
(d) B and C only
(e) None of these

Q77. Which of the following statements is TRUE in the context of the passage?
(a) Commodity markets have become erratic due to easy liquidity and low interest rate.
(b) Governments of many countries have begun paying better prices for food commodities to ensure their farmers are taken care of.
(c) Farmers in developing countries have to compulsorily produce a certain quantity of bio-fuels annually.
(d) The financialization of commodity trade has resulted in a dip in prices of food products.
(e) The weakening of other currencies against the US dollar has resulted in high fuel prices.

Q78. Which of the following statements is FALSE in the context of the passage?
(A) Unusual conditions in global financial markets have aggravated the food price.
(B) The policy induced diversion of food to bio-fuels does not reflect that preference has been given to fueling vehicles and not to feeding the hungry.
(C) The weight accorded to financial stability in public policy will be at the cost of stability in the real sector.
(a) A and B only
(b) B and C only
(c) B only
(d) C only
(e) None of these

Q79. Which of the following best explains the phrase this phenomenon as used in the fourth paragraph of the passage?
(a) Volatility in commodity markets which has led to hoarding
(b) Escalation in food prices caused by high interest rates
(c) Easy liquidity because of lack of investment in America
(d) Weakening of the US dollar and consequent variability in commodity markets
(e) Fluctuation in energy prices and outdated public policy

Q80. Choose the word which is **MOST OPPOSITE** in meaning to the word given in bold as used in the passage.
VOLATILITY
(a) agitation
(b) effervescence
(c) optimism
(d) disparity
(e) steady
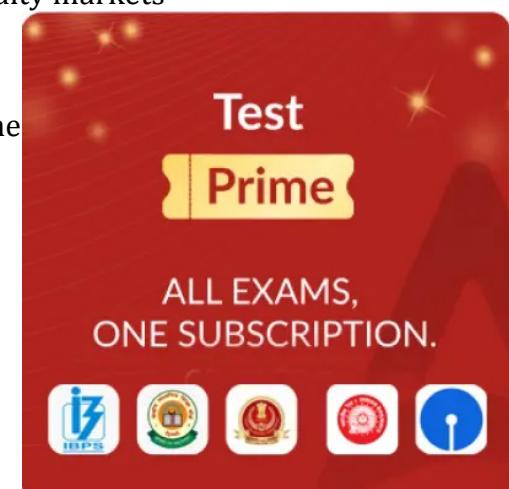
Directions (81-84): In the following questions, a sentence has been given with some of its parts in bold. To make the sentence grammatically correct, you have to replace the bold part with the correct alternative given below. If the sentence is correct as it is, choose (e) as your answer (i.e. No correction required).

Q81. Military helicopters are old but have not **outlived their lives**.
(a) outliving their lives
(b) outlived their life
(c) outlived its life
(d) outliving its life
(e) No correction required

Q82. A discussion on 'Make in India' is **not complete without** taking stock of the workforce on the ground.
(a) incomplete unless.
(b) not completed until
(c) not completed from
(d) not complete if not
(e) No correction required

Q83. If some of the **state has best practice** it is good to learn from them.
(a) states has best practice
(b) state has best practice
(c) states have best practices
(d) states have best practice
(e) No correction required

Q84. Vishwanathan Anand and Sachin Tendulkar are icons who have helped us navigate from a **simple time to a more** complicated world.
(a) simpler time to a more.
(b) simple time to mere
(c) simpler time to many
(d) simple time to no
(e) No correction required

Directions (85-90): In the following passage, some of the words have been left out, each of which is indicated by a number. Find the suitable word from the options given against each number and fill up the blanks with appropriate words to make the paragraph meaningful.

There is a school of thought that some kinds of complex governance/policymaking functions should be insulated from the tumult of partisan politics by (**85**) them to technocrats. Giving in to the seductive appeal of this argument to the (**86**) of breaking the line of accountability of policymakers to the people altogether would undermine democracy and run the risk of these technocratic bodies being captured by (**87**) interests, instead of practising fidelity to professionalism. The proposal of the RBI's Urjit Patel committee to entrust monetary policy (**88**) to a committee of wise men in which even the RBI governor would have just one vote and can be overruled (**89**) to this school. This is a bad idea that (**90**) firmly be rejected.

Q85. (a) allocating
(b) entrusting
(c) imposing
(d) conferring
(e) holding

Q86. (a) ambit
(b) stretch
(c) term
(d) extent
(e) length

Q87. (a) vested
(b) endowed
(c) simple
(d) compound
(e) any

Q88. (a) arranging
(b) initiating
(c) setting
(d) building
(e) beginning

Q89. (a) concerned
(b) agrees
(c) associates
(d) correlates
(e) belongs

Q90. (a) needs
(b) must
(c) had
(d) ought
(e) requires

Directions (91- 95): Rearrange the following sentences (A), (B), (C), (D) and (E) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.
A. The Liberal Democratic Party (LDP) and coalition partner Komeito have together secured a two-thirds majority in the lower house of the Diet, despite the shadow of scandal over Abe ahead of the election.
B. Abe's election promises precisely such redemption.
C. As the balance of power in the world at large, and in Asia-Pacific in particular, reconfigures, it is important that Japan, one of the world's most powerful nations, be released from hobbling constraints.
D. Japan's Prime Minister Shinzo Abe's gamble has paid off.
E. Japanese voters decided to choose security over Hope, a much-hyped new party that hoped to give Abe a run for his money.

Q91. Which of the following should be the **FIRST** sentence after rearrangement?
(a) B
(b) D
(c) A
(d) E
(e) C

Q92. Which of the following should be the **THIRD** sentence after rearrangement?
(a) A
(b) D
(c) B
(d) E
(e) C

Q93. Which of the following should be the **FOURTH** sentence after rearrangement?
(a) B
(b) E
(c) A
(d) C
(e) D

Q94. Which of the following should be the **LAST** sentence after rearrangement?
(a) D
(b) E
(c) A
(d) B
(e) C

Q95. Which of the following should be the **SECOND** sentence after rearrangement?
(a) C
(b) A
(c) B
(d) D
(e) E

Directions (96-100): In each of the questions given below four words are given in bold which may or may not be correct. There can be a spelling or grammatical or contextual error. If all the words are correct then choose option (e) as the correct choice for the given question.

Q96. The **results** of (a)/ the **survey** (b)/ **have** been (c)/ very **encoraging**. (d)/ No error. (e)

Q97. It **mattered** (a)/ a great **deal** (b)/ to the **actress** (c)/ what other people **taught** of her. (d)/ No error. (e)

Q98. The young boy's **aggression** (a)/ is actually a **defence** (b)/ **mechanism** (c)/ against **rejection**. (d)/ No error. (e)

Q99. There are no easy **solutions** (a)/ to the **problems** (b)/ of **nuclear** (c)/ waste **desposal**. (d)/ No error. (e)

Q100. Why should any religious group feel **threatened** (a)/ by a **genuinly** secular State for it (b)/ remains the best bet for the **religiously** (c)/ inclined, whatever their **faith**. (d)/ No error (e).

Memory Based RBI Assistant Prelims 2017 (Solutions)

S1. Ans.(a)
Sol.

Published	Jo
Authority	Pi
Notification	See
Government	Mo
By	Ga
Of	Ti
The/indian	Doo/nee

Direction (2-6):
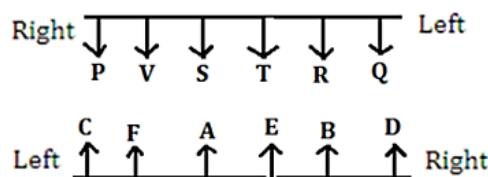
S2. Ans.(d)
S3. Ans.(b)
S4. Ans.(b)
S5. Ans.(c)
S6. Ans.(e)

Directions (7-11):

Days	Exams
SUNDAY	U
MONDAY	Z
TUESDAY	V
WEDNESDAY	X
THURSDAY	F
FRIDAY	W
SATURDAY	Y

S7. Ans.(d)
S8. Ans.(a)
S9. Ans.(e)
S10. Ans.(c)
S11. Ans.(c)

S12. Ans.(e)
Sol. I. C < K (True)   **II.** B ≤ D (True)

S13. Ans.(b)
Sol. I. A ≥ J (False)   **II.** K > B (True)

S14. Ans.(a)
Sol. I. B > N (True)   **II.** L < K (false)

S15. Ans.(a)
Sol. I. L > N (True)   **II.** L = N (False)

S16. Ans.(e)
Sol. 374

S17. Ans.(d)
Sol. (4 + 8 + 1) = 13

S18. Ans.(b)
Sol. 8 * 5 = 40

S19. Ans.(c)
Sol. Two

S20. Ans.(c)
Sol. Two

S21. Ans.(b)
Sol. Raj started walking towards west.

S22. Ans.(e)
Sol. Village D is in south-west direction with respect to village C.

S23. Ans.(d)
Sol. Lady is cousin (maternal sister of Rohan)

S24. Ans.(d)
Sol. Priya is wife of Pritam.

S25. Ans.(c)
Sol. L=6th
L=15th
L=9th

S26. Ans.(d)
Sol. B 4 S T U V K 3 % F @ © L N 5 P 1 O $ E 2 D C 6 # 9 Z Q 8 W * M A

S27. Ans.(b)
Sol. B 4 S T U V K 3 % F @ © L N 5 P 1 O $ E 2 D C 6 # 9 Z Q 8 W * M A

S28. Ans.(b)

S29. Ans.(e)

S30. Ans.(b)
Sol. There is only one pair.
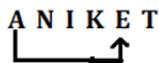
A N I K E T

S31. Ans.(c)
Sol. Sathyarthi's position from left end = 10th
Sathyarthi's position from right end = 17th
Total number of children in the row
= 10 + 17 – 1 = 26

S32. Ans.(d)
Sol. After following given directions, Prem is 5 km and in north-east direction from the starting point.

S33. Ans.(d)
Sol.

ANT	SAW	EAR	ANSWER
732	574	871	735481

S34. Ans.(c)
Sol. 2+90÷4×4-8=84

S35. Ans.(d)
Sol.

K (-)
|
H (-) ——— U (+)
|
I (-) ——— L
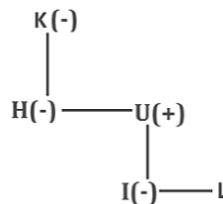
S36. Ans.(a)
Sol. Total markers sold by Deepak = 450 + 650 + 550 = 1650
Total markers sold by Inder = 800 + 750 + 650 = 2200
Required % $= \frac{2200-1650}{2200} \times 100 = \frac{550}{2200} \times 100$
= 25%

S37. Ans.(d)
Sol. 'Y' markers sold by all the fives sellers = 650 + 500 + 500 + 900 + 750 = 3300
'Z' marker sold by all the five sellers = 550 + 700 + 600 + 750 + 650 = 3250
Required ratio $= \frac{3300}{3250} = \frac{66}{65}$

S38. Ans.(b)
Sol. Average number of marker sold by Yogesh
$= \frac{600+500+700}{3} = 600$
Average number of marker sold by Aman
$= \frac{400+500+600}{3} = 500$
Required difference = 600 – 500 = 100

S39. Ans.(e)
Sol. 'X' type marker sold by Yogesh, Shubham and Aman together = 600 + 750 + 400 = 1750
'Z' type marker sold by Yogesh, Shubham and Inder together = 700 + 750 + 650 = 2100
Required % $= \frac{2100-1750}{2100} \times 100 = 16\frac{2}{3}\%$

S40. Ans.(c)
Sol. Required difference
= (450 + 650 + 550 + 600 + 500 + 700 + 400 + 500 + 600) – (750 + 900 + 750 + 800 + 750 + 650)
= 4950 – 4600 = 350

S41. Ans.(b)
Sol.

| 16	20	28	44	76
	+4	+8	+16	+32

S42. Ans.(b)
Sol.

2	11	36	85	166	287
	$+3^2$	$+5^2$	$+7^2$	$+9^2$	$+11^2$

S43. Ans.(d)
Sol.

8	6	14	40	162
×1-2	×2+2	×3-2	×4+2	

S44. Ans.(e)
Sol.

3   83   152   208   249   273

+80   +69   +56   +41   +24

-11   -13   -15   -17

S45. Ans.(c)
Sol.

2   14   70   ?(210)   420

×7   ×5   ×3   ×2
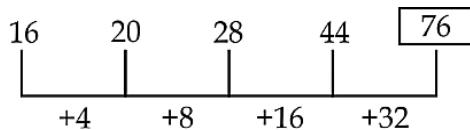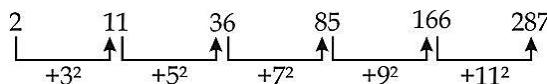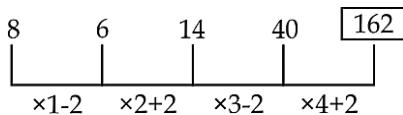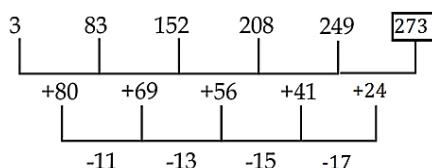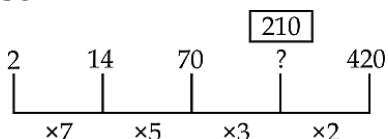
S46. Ans.(a)
Sol. Let, amounted invested by A, B and C is 'a', 'b' and 'c' respectively.
ATQ.
a + c = 2b ... (i)
a + b= 3c ... (ii)
on solving (i) & (ii) we get
4a = 5b & 3b = 4c ⇒ a : b : c
5 : 4 : 3
Ratio of profit

$$
\begin{array}{ccccc}
A & : & B & : & C \\
5×6 & : & 4×9 & : & 3×12 \\
5 & : & 6 & : & 6
\end{array}
$$

B's profit $= \frac{6}{17} \times 3400 = 1200$

S47. Ans.(e)
Sol. Let, Number of males in village = x
And, number of females in village = y
ATQ,
x + y = 4500 ....(i)
1.15x + 1.25y = 5325 ... (ii)
On solving (i) & (ii)
x = 3000, y = 1500
Required % $= \frac{3000}{1500} \times 100 = 200\%$

S48. Ans.(b)
Sol. Volume of spherical ball = Volume of 2 cylinder
$\frac{4}{3} \times \pi \times (12)^3 = 2 \times \pi \times 8^2 \times h \Rightarrow h = 18$ cm

S49. Ans.(b)
Sol. Let speed of man in still water be S_B km/hr and speed of stream be S_S km/hr
$\frac{30}{S_B - S_S} + \frac{44}{S_B + S_S} = 10$
$\frac{40}{S_B - S_S} + \frac{55}{(S_B + S_S)} = 13$
Take $\frac{1}{S_B - S_S} = a, \frac{1}{S_B + S_S} = b$
$30a + 44b = 10$ ... (i)
$40a + 55b = 13$ ... (ii)
On solving (i) and (ii)
$S_B = 8$ km/hr

S50. Ans.(e)
Sol. Let wine and water be 5x litre and x litre respectively
Now, $\frac{5x}{x+5} = \frac{5}{2} \Rightarrow 10x = 5x + 25 \Rightarrow x = 5$
$\Rightarrow \quad\quad 25 : 5 \quad\quad | \quad\quad 25 : 10$
$\quad\quad$ Before mixture | After mixture

Quantity of wine = 25ℓ

S51. Ans.(b)
Sol. Let 'X', 'Y' and 'Z' can complete a, b and c unit of work in one day.
ATQ,
a + c = b ... (i)
b + c = 5a ... (ii)
On solving (i) and (ii)
$a = \frac{b}{3} = \frac{c}{2}$
$\Rightarrow$ a : b : c
$\quad$ 1 : 3 : 2
(1 + 3+2) unit of work → 1 day
(6) unit of work → 1 day
z alone = $\frac{6}{2}$ day = 3 days

S52. Ans.(b)
Sol. Use mixture and allegation
If cost price of Bat = 75
Profit on Bat = $75 \times \frac{40}{100} = 30$
If cost price of Ball = 75

Loss on Ball $= 75 \times \frac{60}{100} = -45$

Price of Bat : Price of Ball
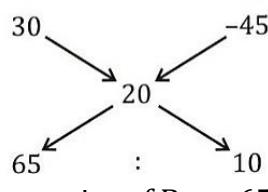
Cost price of Bat = 65

S53. Ans.(d)
Sol. Distance travelled by Aman in 2 hours = 25 × 2 = 50 km

Now, distance between Aman and Sandeep at 4 : 00 p.m.

= 410 – 50 = 360 km

Time to cross each other $= \frac{360}{35+25} = 6$ hour

Required time = 4 : 00 + 6 hour = 10 : 00 p.m.

S54. Ans.(c)
Sol. Let sum = Rs. 250

C.I. for 3 year at 20% pa $= 250 \times \left(\frac{12}{10}\right)^3 - 250$

$= 182$

SI for 3 year at 20% pa $= \frac{250 \times 3 \times 20}{100} = 150$

Difference = 182 – 150 = 32 → 176

$\Rightarrow$ Sum $= \frac{176}{32} \times 250 = 1375$

Required Interest $= \frac{1375 \times 2 \times 10}{100} = 275$

OR

Alternate method

Difference $= \frac{P\,r^2}{100^2} \times \frac{(300+r)}{100}$

$176 = \frac{P \times 20^2}{100^2} \times \frac{(300+20)}{100}$

Therefore,

P = 1375

Required Interest $= \frac{1375 \times 2 \times 10}{100} = 275$

S55. Ans.(b)
Sol. The number which should be divisible by 4 will end with 32, 52, 72, 92, 36, 56, 76 and 96 (Total 8 ways)

Starting two numbers can be chosen in 4 × 3 = 12 ways

Total no. of ways = 12 × 8 = 96 ways

S56. Ans.(a)
Sol. $2652 - 441 + 928 - \frac{1}{15} \times 3375 = ? + 961$
$2652 - 441 + 928 - 225 - 961 = ?$
$? = 1953$

S57. Ans.(c)
Sol. $9240 \times \frac{1}{?} = 330 \Rightarrow ? = 28$

S58. Ans.(e)
Sol. $\frac{1}{17} \times 4913 - 225 = (?)^2$
$(?)^2 = 64 \Rightarrow ? = 8$

S59. Ans.(b)
Sol. $? \times 1211 = 24220 \Rightarrow ? = 20$

S60. Ans.(d)
Sol. $240 \times 300 \times \frac{1}{240} = ? + 240$
$? = 300 - 240 \Rightarrow ? = 60$

S61. Ans.(b)
Sol. $\frac{5}{4} \times 92 - 16 + ? = 101$
$99 + ? = 101 \Rightarrow ? = 2$

S62. Ans.(d)
Sol. $(3 + 4 + 9 + 6) + \left(\frac{1}{2} + \frac{3}{4} + \frac{3}{4} + \frac{7}{8}\right) = ? + \frac{23}{8} + 19$
$22 + \frac{23}{8} = ? + \frac{23}{8} + 19 \Rightarrow ? = 3$

S63. Ans.(e)
Sol. $34 - 12 + 178 - (?)^2 = 45 + 55$
$200 - 100 = (?)^2$
$(?)^2 = 100 \Rightarrow ? = 10$

S64. Ans.(a)
Sol. $3996 - 3721 - (?)^2 = 3150 - 100 - 3000$
$275 - (?)^2 = 50$
$(?)^2 = 225 \Rightarrow ? = 15$

S65. Ans.(e)
Sol. $14 + 289 - 3 = ? - 632 \Rightarrow ? = 932$

S66. Ans.(c)

Sol. Let Speed of stream be x kmph.

ATQ,

$\frac{21}{5.5+x} = \frac{12}{5.5-x}$

38.5 − 7x = 22 + 4x

16.5 = 11x ⟹ x = 1.5 kmph

S67. Ans.(e)

Sol.

B and C will complete the remaining work in 2 days

S68. Ans.(a)

Sol.
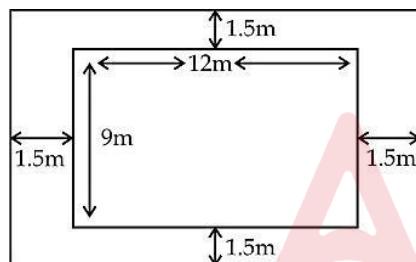
Area of rectangular path = [15 × 12] − [12 × 9]

= 180 − 108 = 72 m²

S69. Ans.(d)

Sol. Required probability $= \frac{^{12}C_2 + ^{36}C_2}{^{52}C_2} = \frac{116}{221}$

S70. Ans.(c)

Sol. Let population of city A be x

$x \times \frac{110}{100} \times \frac{88}{100} = \frac{1}{7} \times 13552$

⟹ x = 2000

S71. Ans.(b)
Sol. The given passage revolves around drastic increase in food prices, thus resulting in inflation. Also, there has been a diversion of certain food commodities (corn and edible-oil) to bio-fuels, which has disturbed the demand and supply chain. There has been an acute shortage of food commodities because the farmers are not provided with adequate incentives to increase the supply of food and agricultural products. Therefore, we can say that the theme of the passage is 'the worldwide acute shortage of food commodities'.

S72. Ans.(b)
Sol. The third paragraph of the passage states that there has been a diversion of food (corn and edible oils) to bio-fuels which has resulted in huge increase in food prices.

S73. Ans.(a)
Sol. The fourth paragraph of the passage states that the recent reduction in interest rates in the U.S. and injection of liquidity have prompted investors to look towards commodity markets.

S74. Ans.(d)
Sol. According to the fourth paragraph of the passage, the weakening of U.S. dollar and volatility in commodity markets exhibit a cause-effect relationship.

S75. Ans.(e)
Sol. The given passage highlights that at present, the demand for food items is higher as compared to the supply of food items. Also, the preference has shifted from filling the empty stomach to filling the fuel tank of automobiles. Furthermore, farmers are not provided with adequate incentives to increase the supply of food and agricultural products. Therefore, options (A), (B) and (C) can be inferred from the passage.

S76. Ans.(c)
Sol. According to the passage, the current global situation is very serious and food prices are increasing drastically. To overcome the escalation in food prices, farmers should be motivated and provided with adequate incentives to increase the supply of food and agricultural products.

S77. Ans.(a)
Sol. According to the fourth paragraph of the passage, the relatively easy liquidity and reduction in interest rates have resulted in erratic behavior of commodity markets.

S78. Ans.(c)
Sol. In context of the passage, 'no government would prefer to fill the fuel tanks of automobiles rather than filling the stomach of the people' is false as per the last paragraph of the passage.

S79. Ans.(d)
Sol. 'This phenomenon' mentioned in the fourth paragraph of the passage refers to weakening of the U.S. dollar and subsequent fluctuation in commodity markets.

S80. Ans.(e)
Sol. 'Volatility' means tendency to change in a sudden way. 'Steady' is opposite in meaning to the given word.

S81. Ans.(b)
Sol. Replace 'outlived their lives' with 'outlived their life'.

S82. Ans.(e)
Sol. No correction required.

S83. Ans.(c)
Sol. Replace 'state has best practice' with 'states have best practices'

S84. Ans.(a)
Sol. Replace 'simple time to a more' with 'simpler time to a more'.

S85. Ans.(b)
S86. Ans.(d)
S87. Ans.(a)
S88. Ans.(c)
S89. Ans.(e)
S90. Ans.(b)

S91. Ans.(b)
Sol. The sequence after the rearrangement of sentences is **DAECB**.

S92. Ans.(d)
Sol. The sequence after the rearrangement of sentences is **DAECB**.

S93. Ans.(d)
Sol. The sequence after the rearrangement of sentences is **DAECB**.

S94. Ans.(d)
Sol. The sequence after the rearrangement of sentences is **DAECB**.

S95. Ans.(b)
Sol. The sequence after the rearrangement of sentences is **DAECB**.

S96. Ans.(d)
Sol. 'encouraging' is the correct spelling.

S97. Ans.(d)
Sol. 'thought' will be used in place of 'taught'.

S98. Ans.(b)
Sol. 'defensive' is the correct use instead of 'defence' as 'defence' is a noun which means protection and 'defensive' is an adjective which means protective. Moreover, 'mechanism' is a noun whose quality will be determined by an adjective.

S99. Ans.(d)
Sol. 'disposal' will be the correct spelling.

S100. Ans.(b)
Sol. 'Genuinely' will be the correct spelling.