Directions (31-35): Study the following information carefully and answer the questions given below:

Seven boxes A , B, C, D, E, F, G are kept one above the other containing different number of chocolates ranging from 10-90. Not more than Four boxes are kept above A. Two boxes are kept between A and the box containing 41 chocolates, which is kept below Box A. D contains thrice number of chocolates than box B. Box C contains 50 number of chocolates and is not kept at the top. The number of chocolates in box G is a cube of a number. Only one box is kept between box containing 41 chocolates and 39 chocolates. Box D has less number of chocolates than box A. One of the boxes contain 78 chocolates. Five boxes are kept between box containing 64 chocolates and Box C. Box G is immediately above box E. Box D is not kept immediately above or below box B. Three boxes are kept between box D and box F. Box D is above box F.

Q31. Which among the following box/boxes is kept exactly between Box D and Box B?
(a) G, E
(b) B, C
(c) B, A
(d) F, C
(e) none of these

Q32. How many chocolates are kept in box E?
(a) 50
(b) 13
(c) 78
(d) 41
(e) none of these

Q33. Which among the following boxes contains the maximum and minimum number of chocolates respectively?
(a) G, E
(b) B, D
(c) C, A
(d) F, B
(e) none of these

Q34. Which of the following combination is not true?
(a) 50-D
(b) 13-B
(c) 41-E
(d) 64-A
(e) none of these

Q35. Which among the following boxes is kept immediately below box B?
(a) G
(b) C
(c) A
(d) F
(e) none of these

Direction (36-40): Study the following information carefully to answer the given questions.
Number arrangement machine when given an input line of numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement.
Input: 91 53 72 14 39 24 85 76 61 67
Step I: 15 91 53 72 39 85 76 61 67 25
Step II: 40 15 91 72 85 76 61 67 25 54
Step III: 62 40 15 91 72 85 76 25 54 68
Step IV: 73 62 40 15 91 85 25 54 68 77
Step V: 86 73 62 40 15 25 54 68 77 92
Step V, is the last step
Input:- 58 40 99 28 63 84 16 34 71 87

Q36. How many numbers are there between 59 and the one which 3rd to left of 85 in step V?
(a) One
(b) More than three
(c) Three
(d) None
(e) Two

Q37. How many numbers are there between the one which is 2nd from the left end and 99 in step II?
(a) One
(b) More than three
(c) Three
(d) None
(e) Two

Q38. What is the position of 35 from the left end in second last step?
(a) First
(b) Fifth
(c) Second
(d) Third
(e) Sixth

Q39. Which of the following number is 6th to the left of 29 in the III step?
(a) 35
(b) 59
(c) 17
(d) 99
(e) None of these

Q40. Which of the following number is 5th from the right end in step V?
(a) 35
(b) 59
(c) 17
(d) 29
(e) None of these

Direction (41-42): Study the following information carefully and answer the given question.
Point Q is 15m south of point P. Point R is 10m east of point Q. Point S is 5m north of point R. Point T is 5m west of point S.

Q41. If Point U is 10m east of Point P, then Point S is how far and in which direction from point U?
(a) 10m, north
(b) 5m, south
(c) 15m, north
(d) 10m, south
(e) 5m, north

Q42. Point P is in which direction from Point T?
(a) North-west
(b) South-east
(c) North
(d) South-west
(e) North-east

Q43. V is married to W. R is the only sister of W. A is the mother of R. A has three children. G is the niece of R and P. V has no sibling. R is unmarried. Then how is P related to V?
(a) Mother-in-law
(b) Sister
(c) Brother-in-law
(d) Brother
(e) None of these

Direction (44-46): Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer
(a) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
(b) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
(c) if the data either in statement I alone or in statement II alone are sufficient to answer the question.
(d) if the data in both statements I and II together are not sufficient to answer the question.
(e) if the data in both statements I and II together are necessary to answer the question.

Q44. Statement: Six boys J, K, L, M, N, O are there in a classroom each of them is of different heights. Who among the following is the tallest?
I. M is taller than N and K. J is taller than M but not as tall as O. L is taller than K.
II. M is taller than only three boys. J is taller than K.

Q45. Statement: Six persons R, S, T, U, V, W lives on a six storey building such as ground floor is numbered as 1 and above it 2 floor and so on ... upto top floor numbered as 7. How many persons live between R and T?
I. T lives on an even numbered floor but not on top floor. Only two persons live between W and T. R lives below W.
II. Four persons live between S and U. No one lives between S and T. V lives immediately above R.

Q46. Statement: Six persons A, B, C, D, E, F are sitting in row. All of them are facing north direction. Who among the following sits second from the right end?
I. B sits at end extreme end of the row. A sits second to the right of B. Only one person sits between A and C. E sits immediate right of C.
II. E sits third to the right of D. Only one person sits between E and A. F sits to the right to E. C is an immediate neighbor of E.

Q47. In the given coding system 'Now they live for' is coded as 'gn mu sy fd' and 'go now run for' is coded as "gn sy mo lt". Which of the following statement among the given is required to code 'go there now '?
I. 'Give it for' is coded as 'la sa sy'.
II. 'Go there get ready' is coded as 'ht mo ga sx'
III. 'Now there fall' is coded as ' za ga gn'
(a) Only I
(b) Both II and III
(c) Only II
(d) Both I and II
(e) Either I or II

Directions (48-52): In these questions, relationship between different elements is shown in the statements. The statements are followed by conclusions.
Give answer
(a) : If only conclusion I is true
(b) : If only conclusion II is true
(c) : If either conclusion I or II is true
(d) : If neither conclusion I nor II is true
(e) : If both conclusions I and II are true

Q48. Statements: $X \geq G = H; G > J \geq L; J \geq K < Y$
Conclusions
I. $X > L$
II. $K < G$

Q49. Statements: $A > B = R \geq S \geq T; X < J \leq K < T$
Conclusions
I. $A > X$
II. $R \geq T$

Q50. Statements: $M > L \geq K \leq J; N \geq R \geq S = M$
Conclusion :
I. $R > J$
II. $J \geq R$

Q51. Statements: $C \geq D = E; A = B \leq S \geq C$
Conclusion :
I. $C < A$
II. $D \leq B$

Q52. Statements: $X \geq G > H \geq I; M > H \geq L$
Conclusion :
I. $X > M$
II. $X > L$

Directions (53-57): Study the following information carefully and answer the questions given below:

Eight persons B, C, D, E, M, N, O, J were born in different months i.e. January, April, June, October on two different dates 16th or 24th. Only One person was born on one date. They all like different flowers i.e. lily, jasmine, hibiscus, marigold, rose, sunflower, lotus, daffodil but not necessarily in the same order.

B was born in April. Only one person was born between B and the one who like lotus, who was not born in January. One person was born between the ones who like lotus and sunflower. Five persons were born between C and N, who was born after C. N was not the youngest. E was born before O and both of them were born in the same month. No one was born before the one who likes hibiscus. The number of persons born before M is same as the number of persons born after the one who likes lotus. No one is born between B and the one who likes jasmine. D does not like jasmine. D was born before J but not immediately before. Four persons were born between the J, who likes rose and the one who likes marigold. J was born after the one who likes marigold. One of the person born in June likes Lilly.

Q53. Who among the following likes marigold?
(a) D
(b) J
(c) N
(d) B
(e) none of these

Q54. Who was born exactly between the one who likes Rose and M?
(a) D
(b) J
(c) B
(d) O
(e) none of these

Q55. Which of the following flower is liked by D?
(a) lily
(b) rose
(c) daffodil
(d) marigold
(e) none of these

Q56. Which among the following combination is not true?
(a) D- April
(b) J- rose
(c) N- sunflower
(d) O- June
(e) none of these

Q57. How many persons were born before O?
(a) two
(b) six
(c) five
(d) seven
(e) none of these

Directions (58-61): Study the information and answer the following questions:
In a certain code language
"Entire Money Board Perfect" is written as " Q7 N5 F6 C5 ",
"Sleeve Washing World Stories" is written as " X7 T6 T7 X5 ",
"Moving Partly Falls Objects" is written as " N6 P7 G5 Q6 ",

Q58. What is the code for 'Radio' in the given code language?
(a) S5
(b) R5
(c) S4
(d) R6
(e) None of these

Q59. What is the code for the word 'Rising Normal' in the given code language?
(a) S5 O6
(b) O5 S6
(c) O6 S6
(d) O5 S5
(e) None of these

Q60. If the code for the words 'they forward ____' is coded as 'U4 G7 T5' in the coded language then what will be the missing word?
(a) South
(b) Mount
(c) Stone
(d) Climb
(e) Both a and c

Q61. What is the code for 'Elegant' in the given code language?
(a) G7
(b) D7
(c) F6
(d) F7
(e) None of these

Directions (62-65): Read the following information carefully to answer the questions given below.
Fourteen persons i.e. A, B, C, D, E, F, G, M, N, O, P, Q, R and S are sitting in two parallel rows such that A, B, C, D, E, G and F sits in row 1 faces towards south direction and M, N, O, P, Q, R and S sits in the row 2 such that all are facing north direction. Person sitting in the row 1 faces the person sitting in row 2.
A sit third to the right of B. Either B or A sits at the end of the row. N sits third to the right of O. Neither N nor O Faces A and B. The one who faces C sits third to the right of M. None of the immediate neighbour B Faces O. C sits third to the left of F. O does not face F. One of the immediate neighbour of F Faces Q, who does not sit at the end of the row. D is not the immediate neighbour of C. G sits on the left of E but not on the immediate left. P does not face G and C. S does not face C. R and S are immediate neighbours. E does not sit at the end of the row. D does not face P.

Q62. Who among the following faces P?
(a) D
(b) A
(c) F
(d) G
(e) None of these

Q63. Who among the following sits at the end of the row?
(a) P,C
(b) P,D
(c) O,G
(d) A,S
(e) None of these

Q64. How many persons sits to the right of B?
(a) Two
(b) More than Three
(c) Three
(d) One
(e) None of these

Q65. Who among the following faces N?
(a) D
(b) B
(c) F
(d) G
(e) None of these