Test of Reasoning

Questions asked in Bank of Maharashtra Clerical Grade Exam held on November 18, 2007

1. Four of the following five are alike in a certain way and so form a group. Which one **does not** belong to the group?

(1) 48   (2) 24
(3) 15   (4) 35
(5) 65

2. In a row of 40 students facing North, Kailas is 6th to the left of Soman. If Soman is 30th from the left end of the row, how far is Kailas from the right end of the row?

(1) 17th   (2) 16th
(3) 15th   (4) 26th
(5) None of these

3. Which of the following indicates similar relationship as 'CASE' has with 'EASC'?

(1) PICK : KIPC
(2) JAIL : IJLA
(3) DOME : MOED
(4) PILE : EPLI
(5) None of these

4. How many such pairs of digits are there in the number 7326985 each of which has as many digits between them in the given number as when the digits of the number are rearranged in ascending order within the number?

(1) Three   (2) Nil   (3) Two
(4) One   (5) None of these

5. P is father of J. S is mother of N who is brother of J. B is son of S. C is sister of B. How J is related to C?

(1) Data inadequate   (2) Cousin
(3) Brother   (4) Sister
(5) None of these

6. If A is denoted by 1, B by 2, C by 3, D by 1, E by 2, F by 3 and so on, what would be the sum of the numbers for the word MULE?

(1) 7   (2) 8
(3) 9   (4) 10
(5) None of these

7. After arranging the letters of the word FOLK in alphabetical order, if each letter is substituted by the letter immediately preceding to it in the English alphabet, what will be the resultant form of the word?

(1) GLMP   (2) EJKP
(3) EKJN   (4) EJKN
(5) None of these

8. If '+' is denoted by '#', '÷' is denoted by '∗', '×' is denoted by '@' and '–' is denoted by '$'; then what is the value of '40 $ 20 @ 2 # 40 ∗ 20 # 38'?

(1) 44   (2) 40/58
(3) 40   (4) 44/58
(5) None of these

9. In a certain code GROUP is written as OTNQF. How is THEIR written in that code?

(1) SJFIU
(2) QHDGS
(3) SGDHQ
(4) QJFIS
(5) None of these

10. In a certain code 'LOCK' is written as 'MPBJ' and 'BLOW' is written as 'CMNV'. How is 'WINE' written in that code?

(1) VHOF
(2) XJMD

(3) XJOF

(4) VHMD

(5) None of these

11. Four of the following five are alike in a certain way based on the positions of the letters in the English alphabet and hence form a group. Which one **does not** belong to the group?

(1) UX

(2) BE

(3) GJ

(4) KO

(5) NQ

Q. 12-16. 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:

(1) 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.

(2) 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.

(3) if the data in Statement I alone or in Statement II alone are sufficient to answer the question.

(4) if the data in both the Statements I and II are not sufficient to answer the question.

(5) if the data in both the Statements I and II together are necessary to answer the question.

12. Who is youngest among R, S, T, U and V?

  I. T is younger than S and older than R and V.

  II. U is younger than T but not the youngest.

13. 'D' is in which direction with respect to 'E'?

  I. N is to the West of E and D is to the East of N.

  II. P is to the East of E and D is midway between P and E.

14. Among M, N, O, P and Q, who reached the temple first?

  I. N was the only one who reached the temple earlier than P.

  II. M, who reached the temple earlier than O and Q was not the one to reach earliest.

15. What is Ketan's rank in the class of 45 students?

  I. Latish, who is 7 ranks above Ketan is 25th from the bottom.

  II. Satwik is 20th from the top and 4 ranks above Ketan.

16. What is the code for 'nail'?

  I. 'best nail polish' is coded as 'te lo ni'.

  II. 'sharp nail' is coded as 'me te'.

Q. 17-22. To answer these questions, study the following arrangement of digits, letters and symbols carefully.

6 N P = @ 7 1 £ R T 3 L B ✱ E 4 © 8 G H $ 5 K M ? 2 D C

17. If all the symbols in the arrangement are deleted which of the following will be the 4th to the left of the 12th element from the left end?
(1) G
(2) L
(3) 3
(4) H
(5) None of these

18. How many such digits are there in the arrangement each of which is immediately followed by a symbol but not immediately preceded by a letter?
(1) Nil
(2) Three
(3) One
(4) Four
(5) None of these

19. '=N' is to 'T1' and 'B3' is to 'G4' in the same way as 'EB' is to:
(1) SH
(2) $8
(3) $G
(4) SG
(5) None of these

20. Four of the following five are alike in a certain way based on the positions of the elements in the arrangement and hence form a group. Which one **does not** belong to the group?
(1) P = 76
(2) £T37
(3) 3L✱R
(4) ©8HE
(5) 5K?H

21. If all the digits in the arrangement are deleted which of the following will be midway between the 3rd and the 15th elements from the left end?
(1) T
(2) ✱
(3) L
(4) B
(5) None of these

22. If all the letters in the arrangement are deleted, which of the following will be the third to the right of the 11th element from the right end?
(1) ✱
(2) £
(3) 1
(4) ©
(5) None of these

Q. 23-28. Study the following information carefully to answer these questions:
(*i*) P, Q, R, S, T, U & V are sitting alone a circle and are facing the centre.
(*ii*) P is between T and S.
(*iii*) U is between Q and V.

(*iv*) Q is 2nd to the right of T.
23. V is.......
(1) 2nd to the left of P
(2) Between P and U
(3) To the immediate left of U
(4) 4th to the left of T
(5) None of these

24. Which of the following is the **correct** statement?
(1) S is between R and P
(2) Q is between T and R
(3) P is 3rd to the left of Q
(4) S is to the immediate left of V
(5) None of these

25. What is the position of R?
(1) Cannot be determined
(2) Between Q and T
(3) To the immediate left of T
(4) 2nd to the right of Q
(5) None of these

26. Which of the following pairs has its 2nd member sitting to the immediate left of the first member?
(1) PT
(2) RQ
(3) UV
(4) SP
(5) None of these

27. Which of the following pairs has its first member sitting second to the right of the second member?
(1) TS
(2) US
(3) RU
(4) PR
(5) None of these

28. Which of the following is the **wrong** statement?
(1) S is immediate neighbour of V
(2) R is immediate neighbour of T
(3) Q is immediate neighbour of R
(4) T is immediate neighbour of S
(5) All are correct statements

Q. 29-32. In each question below are given three Statements followed by three Conclusions numbered I, II and III. You have to take the given Statements to be true even if they seem to be at variance from commonly known facts. Read all the Conclusions and then decide which of the given Conclusions logically follows from the three given Statements disregarding commonly known facts.
Statements:
29. Some trees are branches.
All buds are branches.
All flowers are trees.
Conclusions:
I. Some branches are buds.
II. Some trees are flowers.
III. Some buds are trees.
(1) Only I follows
(2) Only II follows

(3) Only I and II follow
(4) All follow
(5) None of these

Statements:

30. All actors are writers.
Some writers are dancers.
All poets are writers.

Conclusions:

I. All actors are poets.
II. Some dancers are writers.
III. Some dancers are actors.

(1) None follows
(2) Only I and II follow
(3) Only II and III follow
(4) Only I and III follow
(5) None of these

Statements:

31. Some pots are eatables.
All eatables are drinks.
No banana is pot.

Conclusions:

I. Some pots are drinks.
II. All eatables are pots.
III. Some drinks are eatables.

(1) Only I follows
(2) Only III follows
(3) Only II follows
(4) Only I and III follow
(5) None of these

Statements:

32. All jewels are rings.
Some rings are necklaces.
Some cakes are jewels.

Conclusions:

I. Some necklaces are jewels.
II. Some rings are cakes.
III. No jewel is necklace.

(1) Only II and either I or III follow
(2) Only either I or III follows
(3) Only II and III follow
(4) Only II follows
(5) None of these

Q. 33-37. In each of the questions given below, a group of digits is given followed by four combinations of letter/symbols numbered (1), (2), (3) and (4). You have to find out which of the four combinations correctly represents the group of digits based on the letter/symbol codes and the conditions given below. If none of the four combinations represents the group of digits correctly, give (5) *i.e.* 'None of these' as the answer.

Digit	: 2 8 3 9 4 7 6 5 1
Letter/Symbol	: B = T @ K $ © P C

Conditions:

(*i*) If the first digit is odd and last digit is even, the codes for the first and the last digits are to be interchanged.

(*ii*) If the first as well as the last digit is even, both are to be coded by the code for last digit.

(*iii*) If the first as well as the last digit is odd, both

are to be coded as 'X'.

(*iv*) If the first digit is even and last digit is odd, both are to be coded by the code for the first digit.

33. 8135246
(1) =CTPBK=
(2) ©CTP=K©
(3) ©CTPBK©
(4) =CTPB$=
(5) None of these

34. 4352718
(1) XTPB$CX
(2) KTPB$C =
(3) =TPB$CK
(4) KTPB$CK
(5) None of these

35. 7269534
(1) $B©@PTK
(2) KB©@PT$
(3) $B©@PT$
(4) KB©@P=$
(5) None of these

36. 9256473
(1) XBP©K$T
(2) @BP©K$X
(3) @BP©K$T
(4) XBP©K$X
(5) None of these

37. 2976581
(1) B@$©P=B
(2) C@$©P=C
(3) B@$©P=C
(4) C@$©P=B
(5) None of these

38. How many such 4s are there in the following number series each of which is immediately followed by 5 but not immediately preceded by 3?

5 4 4 3 3 4 5 4 5 5 3 4 4 3 4 5 4 3 3 5
4 5 4 3 5 4 4 3 5 4

(1) Nil
(2) One
(3) Two
(4) Three
(5) More than three

39. What will come in place of question mark (?) in the following letter-group series based on English alphabet?

WC RE NI KO ?

(1) JX
(2) JW
(3) IX
(4) IW
(5) None of these

40. L, M, N and P are sitting around a circle and facing the centre. P is to the immediate left of N. L is between N & M. What is the position of M?
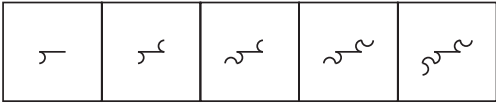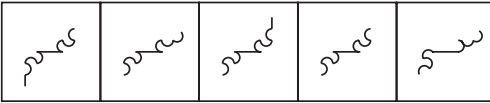
(1) To the immediate left of L
(2) To the immediate right of P
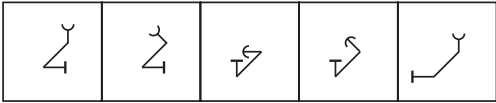(3) In front of P
(4) Between L & N
(5) None of these
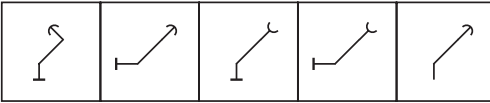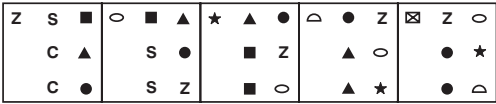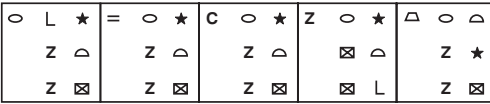
Qs. 41-50. In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued?
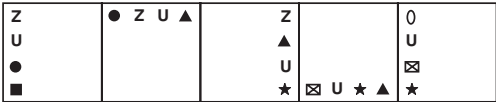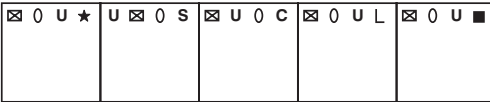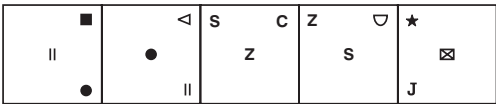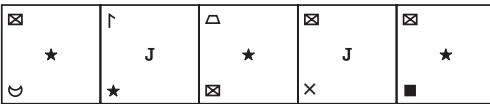
PROBLEM FIGURES   **ANSWER FIGURES**
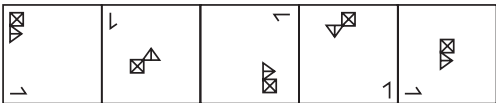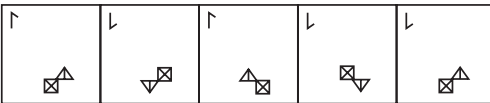
41.
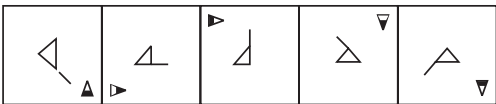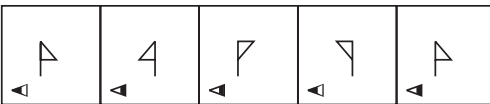
42.

43.

44.

45.

46.

47.

48.

49.

50.

CLERICAL APTITUDE

Q. 51-60. These questions are based on the data provided in the following table. Study it carefully and answer the questions.

	A	B	C	D	E	F	G	H	I	J
A		85	130	68	215	240	480	320	185	330
B			215	190	248	72	96	280	306	410
C				245	160	350	430	195	275	300
D					480	220	170	128	78	42
E						136	225	410	320	196
F							340	208	125	98
G								156	245	312
H									106	72
I										205
J										

51. Which place is farthest from place E ?
(1) D   (2) H
(3) I   (4) B
(5) None of these

52. If one has to travel from F to C and then from C to A how much distance is to be travelled?
(1) 460 kms   (2) 590 kms
(3) 350 kms   (4) 480 kms
(5) None of these

53. Place B is nearest to which place?
(1) F   (2) G
(3) A   (4) D
(5) None of these

54. Which place is farthest from place B?
(1) F   (2) A
(3) I   (4) E
(5) None of these

55. If a person travels from B to F and then from F to D, total how much distance does he travel?
(1) 220 kms   (2) 232 kms
(3) 208 kms   (4) 292 kms
(5) None of these

56. Which place is nearest to place J?
(1) H   (2) F
(3) D   (4) I
(5) None of these

57. What is the distance between place D & G?:
(1) 480 kms   (2) 340 kms
(3) 350 kms   (4) 240 kms
(5) None of these

58. How far is place G from A?
(1) 312 kms   (2) 130 kms
(3) 480 kms   (4) 240 kms
(5) None of these

59. Out of the following five pairs of places, which pair has the shortest distance between them?
(1) F J   (2) A D   (3) J H
(4) B F   (5) I D
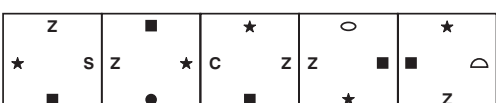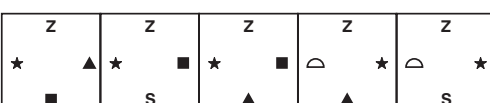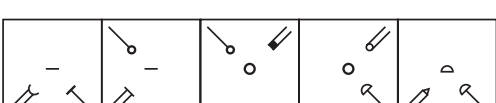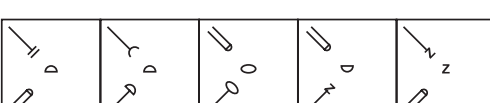
60. What is the distance between places F & C?
(1) 215 kms   (2) 350 kms

(3) 430 kms   (4) 220 kms
(5) None of these

Q. 61-65. In each of these questions five words are given. You have to find out which word will come **fourth** arranged alphabetically?

61. (1) Report
(2) Replace
(3) Represent
(4) Remove
(5) Remorse

62. (1) Gallery
(2) Galaxy
(3) Galvanic
(4) Gamble
(5) Galore

63. (1) Funnel
(2) Fungus
(3) Function
(4) Furnace
(5) Furbish

64. (1) Physical
(2) Pianist
(3) Phrase
(4) Photograph
(5) Phrenic

65. (1) National
(2) Nastic
(3) Narrate
(4) Native
(5) Natural

Q. 66-70. In each of these questions a group of digits is given followed by four combinations of letter/symbol numbered (1), (2), (3) and (4). The group of digits is to be coded by the letter/symbol code. The serial number of combination which correctly represents the group of digits is your answer. If none of the combinations is correct your answer is (5) i.e. 'None of these'.

Digits   : 3 9 4 8 0 6 1 7 5 2
Letter/Symbol Code : T E R J $ L # U @ M

66. 305796
(1) L$@UET   (2) LS$UET
(3) T@$UEL   (4) T$@LUE
(5) None of these

67. 184260
(1) $JRML#   (2) #JRML$
(3) #RJML$ (4) $RJML#
(5) None of these

68. 168537
(1) #LJ@TU   (2) #TLJ@U
(3) @LJ#TU   (4) @JL#TU
(5) None of these

69. 496721
(1) RJLUM#   (2) JELUM#
(3) RELUM#   (4) LERUM#
(5) None of these

70. 754209
(1) U@R$ME   (2) U$RM@E
(3) U$MR@E   (4) U@RM$E
(5) None of these

Q. 71-100. In each question below a combination of Name and Address is given in the first unnumbered column at the left followed by four such combinations one each under the columns 1, 2, 3 and 4. You have to find out the combination which is exactly the same as the combination in the first unnumbered column. The number of that column which contains that combination is the answer. If all the combinations are different, the answer is '5'.

	1	2	3	4	5
71. Rama Rathod 245, Udaygiri Asansol 768029	Rama Rathod 254, Udaygiri Asansol 768029	Rama Rathod 245, Udaygiri Asansol 786029	Rama Rathod 245, Udaygiri Asansol 768029	Rama Rathor 245, Udaygiri Asansol 768029	None
72. Nilesh Nigam 36, Bhagyoday Bangalore 67	Nilesh Nigam 36, Bhagyoday Bangalore 67	Nilesh Nikam 36, Bhagyoday Bangalore 67	Nilesh Nigam 63, Bhagyoday Bangalore 67	Nilesh Nigam 36, Bhagyoday Bangalore 76	None
73. Gayatri Shanbhag Opposite Church Jalandhar 87	Gayatri Shanbhag Oppossite Church Jalandhar 87	Gayatri Shanbhag Opposite Church Jalundhar 87	Gayatri Shanbhag Opposite Church Jalandhar 87	Gayatri Shanbaug Opposite Church Jalandhar 87	None
74. Pradeep Garg House No. 6/26 Phone 28739762	Pradip Garg House No. 6/26 Phone 28739762	Pradeep Garg House No. 2/26 Phone 28739762	Pradeep Garg House No. 6/26 Fax 28739762	Pradeep Garg House No. 6/26 Phone 28739762	None
75. Dave Sripad Manisha Colony Pin 612037	Dave Shripad Manisha Colony Pin 612037	Dave Sripad Manisha Coloni Pin 612037	Dave Sripad Manisha Colony Pin 612037	Dave Sripad Manisha Colony Pin 621037	None
76. Nitin Bhargav 39/D/IV Bangur Nagar	Nitin Bhargaw 39/D/IV Bangur Nagar	Nitin Bhargav 39/D/IV Bangur Nagar	Nitin Bhargav 39/D/VI Bangur Nagar	Nitin Bhargav 39/D/IV Bangore Nagar	None
77. Aniket Chavla Shillong 100703 Phone 2713694	Aniket Chavla Shillong 100703 Phone 2713694	Aniket Chawla Shillong 100703 Phone 2713694	Aniket Chavla Shilong 100703 Phone 2713694	Aniket Chavla Shillong 100703 Phone 2716394	None
78. Nagaraju H.L. MIT Road Kanjurmarg	Nagaraju M.L. MIT Road Kanjurmarg	Nagaraju H.L. MIT Marg Kanjurmarg	Nagaraju H.L. MIT Road Kanjurmarg	Nagaraju H.L. MIJ Road Kanjurmarg	None
79. Aparna Raj Lake View, 721 Bhopal 410103	Arpana Raj Lake View, 721 Bhopal 410103	Aparna Raj Lake View, 731 Bhopal 410103	Aparna Raj Lake View, 721 Bhopal 401013	Aparna Roj Lake View, 721 Bhopal 410103	None
80. Nilesh Balsar IPW-1, Sector 56 Chandigarh 78	Neelesh Balsar IPW-1, Sector 56 Chandigarh 78	Nilesh Balsar IBW-1, Sector 56 Chandigarh 78	Nilesh Balsar IPW-1, Sector 56 Chandigarh 87	Nilesh Balsar IPW-1, Sector 65 Chandigarh 78	None
81. T. Hemavathi A/12/304 Surya Ahmednagar 35	T. Hemavathi A/21/304 Surya Ahmednagar 35	T. Hemavathi A/12/304 Surya Ahmednagar 35	T. Hemavathi A/12/304 Surya Ahmadnagar 35	T. Hemavati A/12/304 Surya Ahmednagar 35	None
82. Goyal Nikita 5/15, Link Road Girgaum 400007	Goyal Nikhita 5/15, Link Road Girgaum 400007	Goyal Nikita 15/5, Link Road Girgaum 400007	Goyal Nikita 5/15, Link Marg Girgaum 400007	Goyal Nikita 5/15, Link Road Girgaum 400007	None
83. Payal Shankar 21/1V/H. Nalanda Rajgurunagar	Payal Sankhar 21/IV/H. Nalanda Rajgurunagar	Payal Shankar 21/VI/H. Nalanda Rajgurunagar	Payal Shankar 21/IV/H. Nalanda Rajguranagar	Payal Shankar 21/IV/H. Nalanda Rajgurunagar	None
84. Chandan Bhosale 48, V.N. Street Kolkata 700107	Chandan Bhosle 48, V.N. Street Kolkata 700107	Chandan Bhosale 46, V.N. Street Kolkata 700107	Chandan Bhosale 48, V.N. Street Kolkata 700107	Chandan Bhosale 48, V.N. Street Kolkatta 700107	None

	1	2	3	4	5
85. Savita Parikh 136, Bhagyodaya Chennai 600017	Savita Parikh 163, Bhagyodaya Chennai 600017	Savitha Parikh 136, Bhagyodaya Chennai 600017	Savita Parekh 136, Bhagyodaya Chennai 600017	Savita Parikh 136, Bhagyodaya Chennai 600017	None
86. Shirish Bhate Flat No. 6-16/41 Goa, 400906	Shirish Bhate Block No. 6-16/41 Goa, 400906	Shirish Bhate Flat No. 6-16/41 Goa, 400906	Shirish Bhate Flat No. 6-16/41 Goa, 400609	Shirish Bhate Flat No. 6-16/14 Goa, 400906	None
87. Shamika Pandye 56, Sai Niketan Deolali 425025	Shamika Pandye 56, Sai Niketan Deolali 425025	Shamika Pandey 56, Sai Niketan Deolali 425025	Shamika Pandye 56, Sai Sadan Deolali 425025	Shamika Pandye 56, Sai Niketan Deolali 452025	None
88. Abdul Mestry Akash Park, 27 Rishikesh 96	Abdul Mistry Akash Park, 27 Rishikesh 96	Abdul Mestry Akash Park, 72 Rishikesh 96	Abdul Mestry Akash Park, 27 Rhishikesh 96	Abdul Mestry Akash Park, 27 Rishikesh 69	None
89. Rathod Hetal 193-A, Alka Vihar Sangli 412056	Rathod Hetal 193-A, Alka Vihar Sangli 412056	Rathod Hetal 193-A, Alka Vihar Sangali 412056	Rathod Hetal 191-A, Alka Vihar Sangli 412056	Rathod Hotal 193-A, Alka Vihar Sangli 412056	None
90. Akhilesh Sharma Gandhinagar Fax 67394852	Akhilesh Sarma Gandhinagar Fax 67394852	Akhilesh Sharma Gandhinagar Tel 67394852	Akhilesh Sharma Gandhinagar Fax 67934852	Akilesh Sharma Gandhinagar Fax 67394852	None
91. Harvindar T. 187, Laxmi Sadan Budhwar Peth	Harvindar T. 178, Laxmi Sadan Budhwar Peth	Harvindar T. 187, Laxmi Sadan Budhvar Peth	Harvindar T. 187, Laxmi Bhavan Budhwar Peth	Harvindar T. 187, Laxmi Sadan Budhwar Peth	None
92. Rajesh Acharya 48-A, V.N. Street New Delhi 72	Rajesh Achary 48-A, V.N. Street New Delhi 72	Rajesh Acharya 48-A, V.N. Marg New Delhi 72	Rajesh Acharya 48-A, V.N. Street New Delhi 72	Rajesh Acharya 48-A, V.N. Street New Delhi 76	None
93. Bhupendra Singh Vasant Vihar Mysore 580089	Bhupendra Singh Vasant Vihar Mysore 580089	Bhupendra Sinh Vasant Vihar Mysore 580089	Bhupendra Singh Basant Vihar Mysore 580089	Bhupendra Singh Vasant Vihar Mysore 590089	None
94. Anjali Chaubay 297, Sector 24 Hariyana 79	Anjali Chaubay 279, Sector 24 Hariyana 79	Anjali Choube 297, Sector 24 Hariyana 79	Anjali Chaubay 297, Sector 24 Hariyana 97	Anjali Chaubay 297, Sector 42 Hariyana 79	None
95. Manjula Sharma 760/D/45, Yog. Sarvodaya Nagar	Manjula Sharma 670/D/45, Yog. Sarvodaya Nagar	Manjula Sharma 760/D/45, Yog. Sarvodaya Nagar	Manjusha Sharma 760/D/45, Yog. Sarvodaya Nagar	Manjula Sharma 760/D/45, Yog. Sarvoday Nagar	None
96. Dipti Dhobale 111, Swastik Park, Shahpur 411052	Dipti Dhabole 111, Swastik Park, Shahpur 411052	Dipti Dhobale 111, Swastic Park, Shahpur 411052	Dipti Dhobale 111, Swastik Park, Shahpur 411052	Dipti Dhobale 111, Swastik Park, Shahpur 410152	None
97. Gauri Malhotra H-6/35, Enclave Dist. Beed	Gauri Malhotra H-6/35, Enclave Dist. Beed	Gauri Mehrotra H-6/35, Enclave Dist. Beed	Gouri Malhotra H-6/35, Enclave Dist. Beed	Gauri Malhotra H-6/35, Enclave Distt. Beed	None
98. Ganesh Kumar QR. No. 2098/B Chandrapur 59	Ganesh Kumar QT. No. 2098/B Chandrapur 59	Ganesh Kumar QR. No. 2098/B Chandrapur 57	Ganesh Kumar QR. No. 2078/B Chandrapur 59	Ganesh Kumar QR. No. 2098/B Chandrapur 59	None
99. Kashinath J.R. 37-D/1794 Dharwad 68	Kashinath R.J. 37-D/1794 Dharwad 68	Kashinath J.R. 37-D/1794 Dharwad 68	Kashinath J.R. 73-D/1794 Dharwad 68	Kashinath J.R. 37-D/1794 Dharvad 68	None
100. Girish Bhogale Janaki Bhavan Phone 63874029	Girish Bhogle Janaki Bhavan Phone 63874029	Girish Bhogale Janki Bhavan Phone 63874029	Girish Bhogale Janaki Bhavan Phone 63874029	Girish Bhogale Janaki Bhavan Fax 63874029	None

ANSWERS AND EXPLANATION

1. (5) All the others are squares of numbers –1. 49 – 1; 25 – 1; 16 – 1 etc.

2. (1)

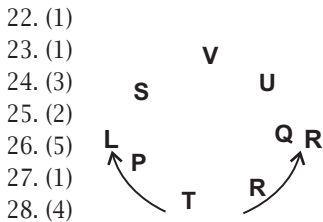Left |—————————— K ———— S ————| Right
23 ... 1 ... 5 ... 1 ... 10

N ↑
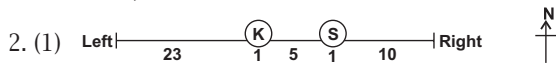
3. (5) The arrangement of letters should be 4231.

4. (1) 36, 38 and 68

5. (1) S is P's wife, B and N sons, C daughter and J could be either their son or daughter.

6. (3) 1 + 3 + 3 + 2 = 9

7. (4)

8. (3) $40 - 20 \times 2 + 40 \div 20 + 38$
$$= 40 - 40 + 2 + 38 \quad (BODMAS)$$

9. (2) Write the letters in reverse order, the preceding letter in alphabet is the code.

10. (2) The first two letters have the next letter and third and fourth the preceding letter in alphabet as code.

11. (4) All the others have a gap of two letters.

12. (4)   13. (5)   14. (1)   15. (3)   16. (5)

17. (3)   18. (3)   19. (2)   20. (2)   21. (4)

22. (1)

23. (1)

24. (3)

25. (2)

26. (5)

27. (1)

28. (4)

V

S ... U

L ... Q R

P

T ... R

Solve the next type of questions by considering all the possibilities and drawing Venn diagrams.

29. (3) F T BR BU

30. (2) A W D / P

31. (4) B   P E D

32. (2) C J N (R)   C J N (R)
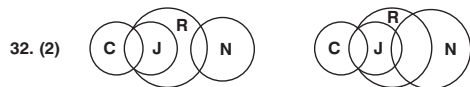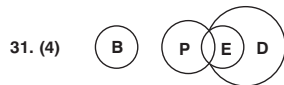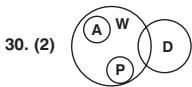
33. (3)   34. (5)   35. (2)   36. (4)   37. (1)

38. (3)   39. (4)

40. (5) M / P L / N

41. (4)   42. (4)   43. (3)   44. (4)   45. (1)

46. (5)   47. (1)   48. (5)   49. (3)   50. (5)

51. (1) It is 480 km

52. (4) C to F is 350 km and C to A—130 km = 480 km

53. (1)

54. (5) It is J, 410 km

55. (4) 72 + 220 = 292 km

56. (3)

57. (5) 170 km   58. (3)   59. (2)

60. (2)   61. (1)   62. (3)   63. (5)

64. (1)   65. (4)   66. (5)   67. (2)

68. (1)   69. (3)   70. (4)   71. (5)

72. (1)   73. (3)   74. (4)   75. (3)

76. (2)   77. (1)   78. (3)   79. (5)

80. (5)   81. (2)   82. (4)   83. (4)

84. (3)   85. (4)   86. (2)   87. (1)

88. (5)   89. (1)   90. (5)   91. (4)

92. (3)   93. (1)   94. (5)   95. (2)

96. (3)   97. (1)   98. (4)   99. (2)

100. (3)