JAGRAN

Josh
your guide to success

SSC COMBINED MATRIC LEVEL(Pre) EXAM
General Intelligence Solved Question
Paper – 2008(First Shift)

Directions (1 – 2) : In each of the following questions, there is an address which has been reproduced against (1), (2), (3) and (4) three of which have some mistakes or the other. The one without any mistake is your answer.

1. Mr. Ramachandran
   1068/90, A.F.O.
   Bangalore (Karnataka)
   (1) Mr. Ramachandren
      1068/90 A.F.O.
      Bangalore (Karnataka)
   (2) Mr. Ramachandran
      106/8/90 A.F.O.
      Bangalor (Karnataka)
   (3) Mr. Ramachandran
      1086/90, A.F.O.
      Bangalore (Karnataka)
   (4) Mr. Ramachandran
      1068/90, A.F.O.
      Bangalore (Karnataka)

2. Tarasankar Rastogi
   A-22, Indrant Road
   Sundargarh 436065
   (1) Tarasankar Rastogi
      A-22, Indrani Road
      Sundargarh 436065
   (2) Tarashankar Rastogi
      A-22, Indrant Road
      Sundargarh 436065
   (3) Tarasankar Rastogi
      A-22, Indrant Road
      Sundaragarh 436065
   (4) Tarasankar Rastogi
      A-22, Indrant Road
      Sundargarh 436065

Directions (3– 5) : Below are given letters A to Z. Under each capital letter, a small letter is written which is to be used as a code for the Capital Letter :

A	B	C	D	E	F	G	H	I	J	K	L	M
l	s	p	k	r	j	x	c	q	g	t	w	z

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
u	m	v	i	a	y	e	d	h	h	b	o	f

In each of the following questions, a group of six Capital Letters is given and its code equivalent is given below. Select the response containing the correct code.

3. AXPBTY
   (1) lkcvmf, pjwiod, gsrxvn, azjcuy
   (2) lbvseo, phzgda, gtxcoy, abrwid
   (3) afdber, gtmzqp, pyfkol, lasivh
   (4) golnrp, lkrunh, pchpwy, aectin

4. CHWCLS
   (1) lkcvmf, pjwiod, gsrxvn, azjcuy
   (2) lbvseo, phzgda, gtxcoy, abrwid
   (3) afdber, gtmzqp, pyfkol, lasivh
   (4) golnrp, lkrunh, pchpwy, aectin

5. JBEGPV
   (1) lkcvmf, pjwiod, gsrxvn, azjcuy
   (2) lbvseo, phzgda, gtxcoy, abrwid
   (3) afdber, gtmzqp, pyfkol, lasivh
   (4) golnrp, lkrunh, pchpwy, aectin

Directions (6 – 9) : Below are given some Roll Numbers of candidates registered at different centres for an examination. The first two digits from the left stand for the centre code and the next four for the serial number of the candidates registered at the centre :

834381 562639 656899 854593
653831 650183 832684 831264
562068 482290 561096 652920
855493 854350 486802 850960
836542 836989 652290 836889
567956 657596 852096 562109

Now answer the following questions based on this sample of Roll Numbers.

6. Which of the following centres had maximum serial numbers whose all digits are even ?
   (1) 83   (2) 56
   (3) 65   (4) 85

7. Which of the following centres had highest serial number candidate ?
   (1) 83   (2) 56
   (3) 65   (4) 85

8. Which of the following centre pairs begin with 'Zero' serial number candidates ?
   (1) 48 and 85   (2) 48 and 65
   (3) 65 and 85   (4) 56 and 85

9. Which of the following centre pairs had common serial number candidates ?
   (1) 83 and 65   (2) 56 and 65
   (3) 85 and 83   (4) 48 and 65

10. Which of the following columns are connected /related with each other in some way ?

I	II	III	IV	V
4	23	16	11	64
6	20	24	17	96
8	53	32	50	128
12	10	48	14	192
16	38	64	35	256
23	92	92	46	368

(1) Columns I, III and IV
(2) Columns I, II and IV
(3) Columns II, III and V
(4) Columns I, III and V

Directions (11 – 15) : A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., 'A' can be represented by 00, 12, 23 etc., and 'P' can be represented by 58, 69, 75 etc. Similarly, you have to identify the set for the word given in each question.

Matrix I

	0	1	2	3	4
0	A	R	S	N	C
1	N	C	A	R	S
2	S	N	C	A	R
3	R	S	N	C	A
4	C	A	R	S	N

Matrix II

	5	6	7	8	9
5	O	E	L	P	T
6	T	O	E	L	P
7	P	T	O	E	L
8	L	P	T	O	E
9	E	L	P	T	O

11. PAST
(1) 75, 21, 14, 65
(2) 86, 12, 31, 76
(3) 58, 41, 12, 67
(4) 88, 77, 41, 67

12. RATE
(1) 13, 12, 98, 67
(2) 42, 23, 56, 76
(3) 30, 14, 95, 89
(4) 24, 43, 89, 95

13. POET
(1) 69, 88, 67, 65
(2) 75, 55, 65, 67
(3) 77, 88, 98, 78
(4) 75, 66, 76, 78

14. NEST
(1) 32, 56, 20, 89
(2) 10, 65, 41, 76
(3) 32, 76, 34, 98
(4) 21, 67, 14, 59

15. PEST
(1) 97, 89, 34, 59
(2) 58, 67, 43, 98
(3) 57, 59, 31, 98
(4) 68, 95, 31, 76

Directions (16 – 17) : Arrange the following in a logical order starting from the smallest.

16. 1. Ocean 2. Sea
3. Pond 4. River
(1) 3, 1, 4, 2 (2) 3, 4, 2, 1
(3) 1, 4, 2, 3 (4) 2, 4, 3, 1

17. 1. Centi 2. Deca
3. Kilo 4. Deci
(1) 4, 1, 3, 2 (2) 2, 3, 4, 1
(3) 1, 4, 2, 3 (4) 4, 2, 3, 1

Directions (18 – 23) : A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

18. Y V S P M __?__
(1) J (2) K
(3) L (4) I

19. XYZ, ABC, UVW, DEF, RST, GHI, __?__
(1) UVW (2) JKL
(3) OPQ (4) NOP

20. 7, 16, 27, 40, 55, __?__
(1) 70 (2) 72
(3) 81 (4) 66

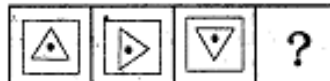**21.** 720, 720, 360, 120, 30, 6, __?__
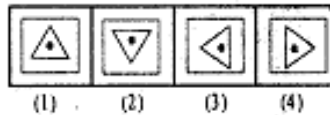(1) 1 (2) 2
(3) 3 (4) 5

22. Question Figures :

Answer Figures :

(1) (2) (3) (4)
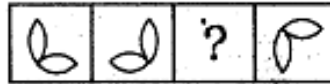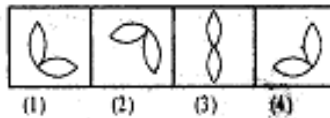
23. Question Figures :

Answer Figures :

(1) (2) (3) (4)

24. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?
p — qsp — — sprq — prqs
(1) srqs (2) rrqs
(3) rqqs (4) rrqr

Directions (25 – 24) : Select the one which is different from the other three responses.

25. (1) Bangkok
(2) Yangon (Rangoon)
(3) Jeddah
(4) Kabul

26. (1) Happiness
(2) Honesty
(3) Deceive
(4) Truth

27. (1) EPH (2) FQI
(3) HSK (4) KWO

28. (1) BCUV (2) WXRS
(3) MNTU (4) JLGI

29. (1) ECDBA (2) OMNLK
(3) WUVTS (4) SRTQP

30. (1) 65 (2) 85
(3) 35 (4) 25

31. (1) 10 – 60 (2) 30 – 90
(3) 40 – 240 (4) 20 – 120

32. (1) 81 – 9 (2) 8 – 64
(3) 54 – 6 (4) 3 – 27

33.

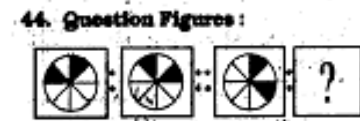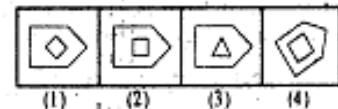(1) (2) (3) (4)

34.

(1) (2) (3) (4)
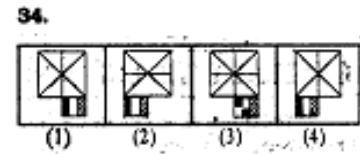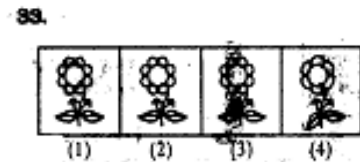
Directions (35 – 44) : Select the related word/letters/number/figure from the given alternatives.

35. Poet : Poem :: Dramatist : ?
(1) Dialogue (2) Stage
(3) Play (4) Direction

36. Handsome : Beautiful :: Man : ?
(1) Charming (2) Man
(3) Woman (4) She

37. AC : CF :: MO : ?
(1) OQ (2) PQ
(3) QR (4) OR

38. BCD : GFE :: HIJ : ?
(1) KLM (2) MLK
(3) MKL (4) LMK

39. QPRS : TUWV :: JIKL ; ?
(1) NMOP (2) NMPO
(3) MNPO (4) MNOP

40. 10 : 101 :: 20 : ?
(1) 200 (2) 201
(3) 400 (4) 401

41. 435 : 768 :: 324 : ?
(1) 657 (2) 567
(3) 765 (4) 675

42. 11 : 121 : 110 :: 15 : 225 : 210 :: ?
(1) 9 : 81 : 70
(2) 19 : 361 : 342
(3) 17 : 288 : 272
(4) 16 : 255 : 239

43. Question Figures :

Answer Figures :

(1) (2) (3) (4)

44. Question Figures :

Answer Figures :

(1)　　(2)　　(3)　　(4)

Directions (45 – 47) : Some equations are solved on the basis of a certain system. On the same basis, find out the correct answer from amongst the four alternatives for the unsolved equation in each question.

45. $4 \times 4 = 6$, $6 \times 6 = 26$, $7 \times 7 = 39$, $5 \times 5 = ?$
- (1) 25
- (2) 15
- (3) 10
- (4) 35

46. $4 - 4 = 12$, $6 - 6 = 30$, $2 - 2 = 2$, $8 - 8 = ?$
- (1) 8
- (2) 38
- (3) 56
- (4) 16

47. 16(27)43, 29(?)56, 36(12)48
- (1) 23
- (2) 33
- (3) 27
- (4) 37

48. If '−' means addition, '+' means subtraction, 'x' means division and '÷' means multiplication, then $7 - 10 \times 5 + 6 \div 4 = ?$
- (1) 3
- (2) 12
- (3) 15
- (4) 9

49. A father increases pocket money of his son by 20%. If son gets Rs. 300 after increase, find his pocket money before increase.
- (1) Rs. 250
- (2) Rs. 240
- (3) Rs. 200
- (4) Rs. 230

50. A is B's brother, C is A's mother, D is C's father, B is D's grand-daughter. How is B related to F who is A's son ?
- (1) Aunt
- (2) Cousin
- (3) Niece
- (4) Grandaunt

51. The total age of a mother and her daughter is 60 years. The difference between their ages is 30 years. Find out the age of the mother.
- (1) 40 years
- (2) 45 years
- (3) 50 years
- (4) 55 years

52. Nisha is taller than Suja. Nina is taller than Nisha. Nila is taller than Nina. Nisha is the tallest of all. If they stand according to their height, who will be in the middle ?
- (1) Nisha
- (2) Nina
- (3) Suja
- (4) Nila

53. In a row of girls, Kamala is tenth from the left and Vimala is twelfth from the right. When they exchange their places, Kamala is sixteenth from the left. What is the new position of Vimala from the right ?
- (1) 18th
- (2) 22nd
- (3) 26th
- (4) 28th

54. KSRTC bus left Bangalore for Tumkur at an average speed of 50 km/hr. An hour later a car left the same station following the bus at an average speed of 75 km/hr. How far from Bangalore did the car overtake the bus ?
- (1) 200 km
- (2) 100 km
- (3) 150 km
- (4) 175 km

Directions (55–56) : In a code language, the following alphabets are coded in a particular way as shown. How are the given letters coded in that language ?

55.

A	C	N	P	R	M	D	Y	Z	Q
4	9	0	6	2	1	7	8	3	5

QRCYNPD
- (1) 5298067
- (2) 5298061
- (3) 5984067
- (4) 5298306

56.

S	A	C	L	E	D	X	Q	W	J
6	1	0	9	4	7	5	2	8	3

DEXSAJ
- (1) 754613
- (2) 745163
- (3) 746513
- (4) 745613

57. If C = 3, CEP = 24, then what will be the value of HUX ?
- (1) 47
- (2) 49
- (3) 51
- (4) 53

58. The letters of the given word have been coded in a particular way. Using those, find out the word for the given question mark (?).
FEAST　　?
NOCWR　　WCNO
- (1) FESA
- (2) SAFE
- (3) SFAE
- (4) EFAS

59. If GECA means 8642, then HFBD means
- (1) 9735
- (2) 7953
- (3) 7935
- (4) 5379

Directions (60–61) : From the given alternative words, select the word which can be formed using the letters of the given word.

60. DISCOVERY
- (1) STORY
- (2) RECOVER
- (3) ROARED
- (4) DECOY

61. OCCUPATIONAL
- (1) NATURAL
- (2) PORTION
- (3) RATIONAL
- (4) OPTIONAL

Directions (62–64) : From the given alternative words, select the word which **cannot** be formed using the letters of the given word.

62. COMPLETION
- (1) COME
- (2) TEN
- (3) TEA
- (4) LION

63. EXPERIENCE
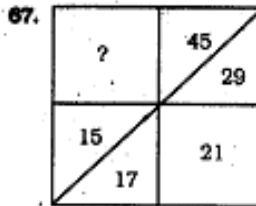- (1) PIECE
- (2) EXPERT
- (3) RIPE
- (4) PEN

64. EXAMINATION
- (1) ANIMATION
- (2) NATION
- (3) MINT
- (4) NOTION

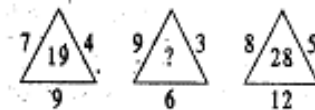**Directions (65–69) :** Select the missing number from the given responses.

65.

5	8	9
7	6	6
9	7	?
21	21	21

- (1) 7
- (2) 6
- (3) 5
- (4) 4

66.

7	8	6
6	5	9
12	13	?
504	520	486

- (1) 7
- (2) 12
- (3) 8
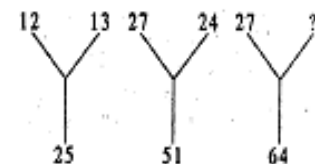- (4) 9

67.

- (1) 8
- (2) 10
- (3) 14
- (4) 16

68.

- (1) 27
- (2) 21
- (3) 26
- (4) 17

69.

(1) 35   (2) 36
(3) 37   (4) 38

70. Ram starts from a point A and walks 6 km North, then turns left and walks 8 km. Then turns left and walks 12 km up to the point B. What is the direction of Ram ?
  (1) North
  (2) South
  (3) East
  (4) West

71. Sita walks 1 km to East, turns right and walks another 1 km and then turns left and walks 2 km and again turning to her left travels 5 km. How far is Sita from her starting point ? (Consider the shortest distance.)
  (1) 8 km   (2) 7 km
  (3) 5 km   (4) 6 km

72. Five different coloured buses are standing in a row facing South. Black coloured bus is standing in the immediate right of Red. Green colour is between Blue and Yellow. Yellow colour is between Black and Green. Which coloured bus is standing in the middle ?
  (1) Yellow
  (2) Blue
  (3) Black
  (4) Green

73. A and B started to travel from a point in opposite directions. Both travelled 5 km and turned to their right and travelled 7 km. Then again they turned to their right and travelled 5 km. What is the distance between them now ?
  (1) 10 km
  (2) 12 km
  (3) 14 km
  (4) 17 km

Directions (74 –77) : One/two statement(s) is/are given followed by two conclusions, I and II. You have to consider the statement(s) to be true, even if it/they seem(s) to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow(s) from the given statement(s).

74. **Statements :**
  (a) Some shoes are White.
  (b) All White are Blue.
  Conclusions :
  I. All shoes are Blue.
  II. Some shoes are Blue.

(1) Only I follows
(2) Only II follows
(3) Neither I nor II follows
(4) Both I and II follow

75. **Statements :**
Educated unemployment is the result of poor quality of education.
Conclusions :
I. Education should enable the individual to find out a useful employment.
II. Poor performance of the employees is the result of poor quality of education.
(1) Only I follows
(2) Only II follows
(3) Neither I nor II follows
(4) Both I and II follow

76. **Statements :**
(a) All frogs are tortoises.
(b) No tortoise is a crocodile.
Conclusions :
I. No crocodile is a frog.
II. No frog is a crocodile.
(1) Only I follows
(2) Only II follows
(3) Both I and II follow
(4) Neither I nor II follows

77. **Statements :**
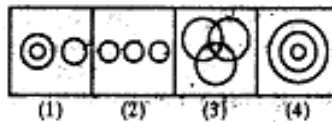Special educational facilities are being provided to tribals.
Conclusions :
I. The tribals do not want to be educated.
II. Government wants the tribals to be literate.
(1) Only I is implicit
(2) Only II implicit
(3) Both I and II are implicit
(4) Neither I nor II is implicit

78. Which one of the following diagrams best depicts the relationship among Pigeons, Birds and Dogs ?

79. Which one of the following diagrams best depicts the relationship among Boys, Girls and Children ?
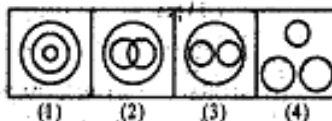
80. In the given figure, there are three intersecting circles representing certain sections of people. Different sections are marked by numbers 1 to 7. Read the statement below and choose the number of the region which correctly represents the statement :
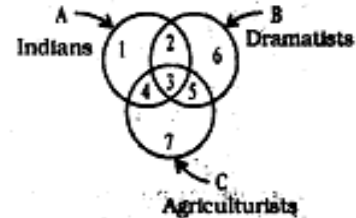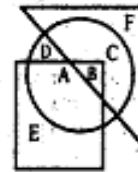

Statement :
Indians who are Dramatists as well as Agriculturists.
(1) 1   (2) 2
(3) 3   (4) 4

81. Study the following diagram consisting of a circle, a rectangle and a triangle and answer the question given below it :


uich one of the following statements is correct with regard to the given diagram ?
(1) A and B are in all the three shapes
(2) E, A, B and C are in all the three shapes
(3) F, C, D, B, and A are in all the three shapes
(4) Only B is in all the three shapes

82. If a mirror is placed on the line LM, then which of the answer figures is the right image of the given question figure ?
Question Figure :

Answer Figures :

(1)   (2)   (3)   (4)
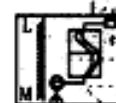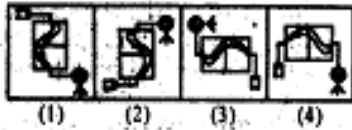
83. Find the number of triangles in the given figure.
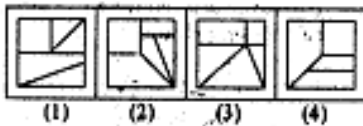

(1) 14   (2) 16
(3) 12   (4) 10

84. Among the four answere figures, which figure can be formed from the cut-pieces given below in the question figure ?
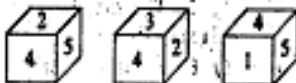
Question Figure :

Answer Figures :

(1)   (2)   (3)   (4)

85. If a cube is made using the given arrangements, which colour will be opposite the colour Green ?

(1) Orange   (2) Red
(3) Silver   (4) Violet

86. Which number will appear at the bottom face in last cube ?

(1) 3   (2) 4
(3) 6   (4) 1

Directions (87–89) : A piece of paper is folded and cut as shown below in the question figures. From the given answer figures indicate how it will appear when opened.

87. Question Figure :
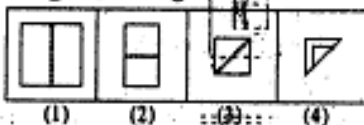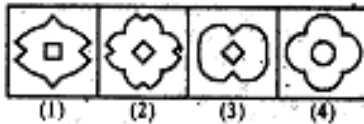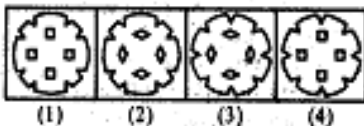

(1)   (2)   (3)   (4)

Answer Figures :
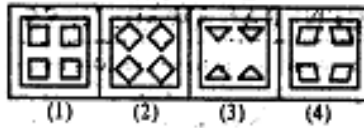
(1)   (2)   (3)   (4)

88. Question Figure :
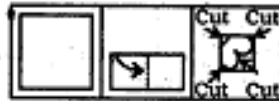
Answer Figures :

(1)   (2)   (3)   (4)

89. Question Figures :

Answer Figures :

(1)   (2)   (3)   (4)

90. Question Figures :
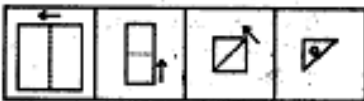
Answer Figures :
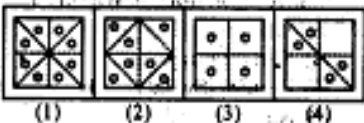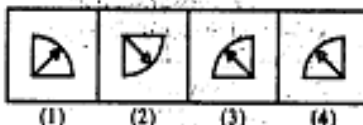

(1)   (2)   (3)   (4)

Directions (91–94) : Which answer figure will complete the question figure.

91. Question Figure :

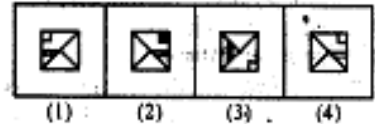**Answer Figures :**
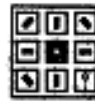

(1)   (2)   (3)   (4)
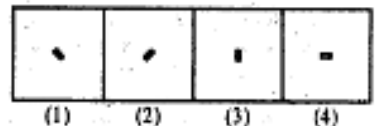
92. Question Figure :

Answer Figures :

(1)   (2)   (3)   (4)

93. Question Figure :

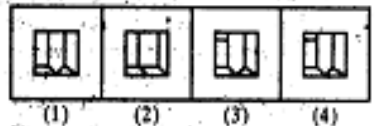**Answer Figures :**

(1)   (2)   (3)   (4)

94. Question Figure :

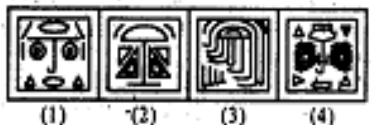

Answer Figures :

(1)   (2)   (3)   (4)

Directions (95–96) : From the given answer figures, select the one in which the question figure is hidden/embedded.

95. Question Figure :

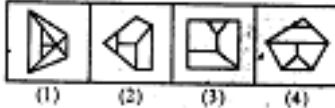**Answer Figures :**

(1)   (2)   (3)   (4)

96. Question Figure :
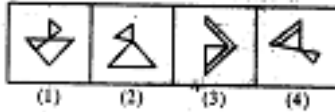
Answer Figures :

(1)   (2)   (3)   (4)

Directions (97–98) : Which one of the answer figures is hidden in the following question figure ?

97. Question Figure :
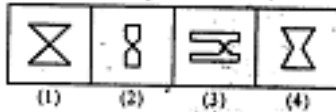

Answer Figures :

(1)   (2)   (3)   (4)

98. Question Figure :

Answer Figures :

(1)   (2)   (3)   (4)

Directions (99–100) : You are given the name of a town and a date followed by four alternatives. Of these, only one matches while the others have some mistakes. You are to choose exactly the same as the given one as your answer.

99. Periyarpattan
    15th Octob. 1989
    (1) Periyarapattan
        15th Octob. 1989
    (2) Pariyarpattan
        15th Octob. 1998
    (3) Periyarpattan
        15th Oct. 1989
    (4) Periyarpattan
        15th Octob. 1989

100. Kathmandu
              mber. 1995
          andu
      1st November. 1995
    (2) Kathmandu
        1rst November, 1995
    (3) Kathamandu
        1st November, 1995
    (4) Kathmandu
        1st Nomember, 1995

Answer: General Intelligence

1	4	26	3	51	2	76	3
2	4	27	4	52	2	77	2
3	2	28	4	53	1	78	1
4	4	29	4	54	3	79	3
5	1	30	4	55	1	80	3
6	1	31	2	56	4	81	4
7	2	32	2	57	4	82	1
8	3	33	4	58	2	83	2
9	4	34	3	59	1	84	2
10	4	35	3	60	4	85	4
11	2	36	3	61	4	86	3
12	1	37	4	62	3	87	2
13	1	38	2	63	2	88	2
14	4	39	3	64	4	89	2
15	2	40	4	65	2	90	2
16	2	41	1	66	4	91	4
17	3	42	2	67	3	92	4
18	1	43	1	68	2	93	2
19	3	44	2	69	3	94	3
20	2	45	2	70	2	95	3
21	1	46	3	71	3	96	3
22	2	47	3	72	1	97	2
23	3	48	3	73	3	98	3
24	2	49	1	74	2	99	4
25	3	50	1	75	1	100	1