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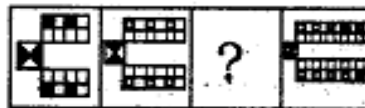
SSC COMBINED MATRIC LEVEL(Pre) EXAM
General Intelligence Solved Question
Paper – 2002(First Shift)

- (1) 1, 3, 4, 5, 2
(2) 3, 2, 4, 5, 1
(3) 3, 1, 4, 5, 2
(4) 5, 4, 3, 2, 1.
- Directions (8-16) :** In each of the following questions a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
8. B, D, F, I, L, P, ?
(1) U (2) R
(3) S (4) T
9. 7, 26, 63, 124, 215, 342, ?
(1) 481 (2) 511
(3) 391 (4) 421
10. W-144, ?, S-100, Q-81, O-64
(1) V-121 (2) U-122
(3) V-128 (4) U-121
11. C, E, I, K, O, Q, ?
(1) R (2) S
(3) T (4) U
12. A C B E C G D ??
(1) H E (2) E I
(3) I E (4) F E
13. 2, 8, 16, 128, ?
(1) 2041 (2) 2045
(3) 2046 (4) 2048
14. 1 + 3, 6 + 3, 13 + 3, 22 + 3, ?
(1) 33 + 4 (2) 33 + 3
(3) 34 + 3 (4) 43 + 3
1. Which one of the following words will come fourth in the Dictionary?
Propriety, Proposition, Prosecute, Proposal, Prosody.
(1) Proposition
(2) Prosody
(3) Proposal (4) Prosecute
2. Which one of the following words will come third in the Dictionary?
(1) Rest (2) Reserve
(3) Real (4) Repeat
- Directions (3-7) :** In each of the following questions arrange the items in a meaningful order.
3. 1. Thread 2. Cotton
3. Soil 4. Cloth
5. Rag 6. Plant
(1) 3, 2, 1, 4, 6, 5
(2) 3, 6, 2, 1, 4, 5
(3) 2, 6, 3, 1, 5, 4
(4) 1, 2, 3, 6, 5, 4
4. 1. Yarn 2. Sowing
3. Cotton 4. Fertilizer
5. Cloth 6. Seed
(1) 4, 2, 6, 3, 1, 5
(2) 2, 6, 4, 1, 3, 5
(3) 4, 1, 6, 3, 5, 2
(4) 6, 2, 4, 3, 1, 5
5. 1. Study 2. Books
3. Examination
4. Student 5. Result
(1) 4, 2, 3, 1, 5
(2) 4, 2, 1, 3, 5
(3) 2, 1, 4, 3, 5
(4) 2, 3, 1, 4, 5
6. 1. Cure 2. Doctor
3. Disease 4. Diagnosis
5. Medicine
(1) 3, 2, 4, 5, 1
(2) 2, 4, 3, 5, 1
(3) 4, 3, 2, 5, 1
(4) 4, 2, 3, 5, 1
7. 1. Plant 2. Food
3. Seed 4. Leaf
5. Flower

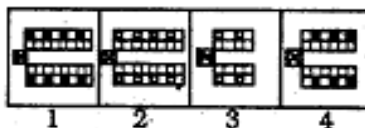
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(1) 481 (2) 511
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(1) V-121 (2) U-122
(3) V-128 (4) U-121
11. C, E, I, K, O, Q, ?
(1) R (2) S
(3) T (4) U
12. A C B E C G D ??
(1) H E (2) E I
(3) I E (4) F E
13. 2, 8, 16, 128, ?
(1) 2041 (2) 2045
(3) 2046 (4) 2048
14. 1 + 3, 6 + 3, 13 + 3, 22 + 3, ?
(1) 33 + 4 (2) 33 + 3
(3) 34 + 3 (4) 43 + 3

15. Question Figures



Answer Figures



16. Question Figures



Answer Figures



17. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?
— abb, aa — c, — ad —, aae —
(1) acade (2) acede
(3) bebde (4) babce
18. In the following question, number of letters skipped in between adjacent letters in the series decreases one each time. Which of the following series observes the rule?
(1) MSYBG (2) IMTXB
(3) BHNSV (4) TZEIL
19. Some equations are solved on the basis of certain system. On the same basis find the correct answer for the unsolved equation.
1. a = 85 (20) 5
2. b = 126 (24) 6
3. c = 175 (?) 7
(1) 26 (2) 24
(3) 28 (4) 22
20. If $\square = 12$
 $\triangle = 15$
 $\square = 6$
 $\text{trapezoid} = 4$
 $\circ = 3$
then $(\square \times \text{trapezoid}) + \square = ?$
(1) 8 (2) 10
(3) 12 (4) 14
21. In the following question, you have to identify the correct response from the given premises stated according to following symbols.

If + denotes -, - denotes =, = denotes +, + denotes >, x denotes <, how do you solve the following problem?

$$.8 + 4 - ?$$

- (1) 4 (2) 32
(3) 12 (4) 2

Directions : Some symbols are represented by alphabets as below :

+	-	x	=	>	<
B	G	E	C	D	A

Of the four alternatives only one expression has the correct relationship. Identify that and indicate your answer.

- (1) 15 C 15 B 8 F 4 B 6 C 3
(2) 15 B 5 G 8 B 4 G 6 F 3
(3) 15 A 5 E 8 C 4 B 6 E 3
(4) 15 C 5 F 8 C 4 B 6 C 3
- 23.** Each letter of the alphabet from Z to A has been given a value from 1 to 26 serially. What is the total value of the following word?
CONSEQUENCE
(1) 137 (2) 154
(3) 196 (4) 176
- 24.** ZEBRA can be written as 2652181. How COBRA can be written?
(1) 1182153 (2) 3152181
(3) 31822151 (4) 302181
- 25.** If A = 1 and LATE = 38, what is REBUT?
(1) 65 (2) 66
(3) 64 (4) 67
- 26.** If A = 2, R = 5, S = 7, O = 3 and E = 4 the sum of the letters of which word will give the highest number?
(1) OARS (2) AERO
(3) SORE (4) ROAR
- 27.** Some alphabets are coded as given below :
- | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| R | T | S | U | V | A | B | C | D | E |
| 8 | 5 | 2 | 0 | 6 | 7 | 9 | 1 | 3 | 4 |
- Which groups of alphabets can be decoded from the following group of numbers?
531602
(1) TCDUVS (2) CTDUVS
(3) TDVCUS (4) TDCVUS
- 28.** Some equations are solved on the basis of certain rule. Following the same rule find out the missing number.
1 [3] 4 = 10, 3 [4] 6 = 26,
4 [5] 7 = ?

- (1) 18 (2) 24
(3) 32 (4) 38

- 29.** A clock only with dots marking 3, 6, 9 and 12 O'clock position has been kept upside down in front of a mirror. A person reads the time in the reflection of the clock as 10.20. What is the actual time?
(1) 8.10 (2) 2.40
(3) 4.50 (4) 10.20
- 30.** Ram is facing North-west. He turns in clockwise direction by 90° , then 180° in the anti-clockwise direction and then another 90° in the same direction. Which direction is he facing now?
(1) South-west
(2) West
(3) South
(4) South-east
- 31.** A is B's brother, C is A's mother, D is C's father, F is A's son. How is B related to F's child?
(1) Aunt
(2) Cousin
(3) Nephew
(4) Grandfather
- 32.** A B C D E F G H I J K L M N
O P Q R S T U V W X Y Z
Write the letter from above alphabets which is exactly in middle of G and Q.
(1) M (2) K
(3) L (4) N
- 33.** There are five houses ABCDO in a row. A is right side of B and left side of C. O is the right side of A, B is right of D. Which house is in the middle?
(1) O (2) A
(3) B (4) D
- 34.** How many numbers are there between 15 to 160 which are divisible by 17 but not by 4?
(1) 5 (2) 2
(3) 6 (4) 4
- 35.** Ram's age was square of a number last year and it will be cube of a number next year. How long must he wait before his age is again the cube of a number?
(1) 39 years (2) 10 years
(3) 38 years (4) 64 years

- 36.** A is older by 4 years to B at one stage. After 16 years of this stage, A will be thrice his present age and B will be five times his present age. How old would A and B be two years before the initially indicated stage?
(1) 8 and 4 years
(2) 10 and 6 years
(3) 6 and 2 years
(4) 12 and 8 years
- 37.** Laxman went 15 km to North then he turned West and covered 10 kms. Then he turned South and covered 5 kms. Finally turning to East he covered 10 kms. In which direction he is from his house?
(1) East (2) West
(3) North (4) South
- 38.** What is the smallest number of ducks that could swim in the formation - two ducks in front of a duck, two ducks behind a duck, and a duck between two ducks?
(1) Five (2) Seven
(3) Four (4) Three
- 39.** What is the product of all the numbers in the dial of a telephone?
(1) 1,59,480 (2) 0
(3) 1,59,450 (4) 1,58,480
- 40.** The length and breadth of a rectangular field are both increased by 20%. By what % is the area increased?
(1) 20% (2) 30%
(3) 44% (4) 40%
- 41.** Five men A, B, C, D and E read a newspaper. The one who reads first gives it to C and the one who reads last had taken it from A. E was not the first or last to read. There were two readers between B and A. Find the person who read the newspaper last.
(1) E (2) B
(3) D (4) A
- 42.** Sonu is taller than Yatendra. Amit is taller than Sonu. Subhash is taller than Amit. Sattu is tallest of all. If they stand according to their height who will be exactly in the middle?
(1) Sonu (2) Subhash
(3) Yatendra (4) Amit

43. If day before yesterday was Tuesday, the day after tomorrow will be

- (1) Monday (2) Wednesday
(3) Friday (4) Saturday

44. If three days after today will be Tuesday, what day was four days before yesterday?

- (1) Tuesday (2) Sunday
(3) Monday (4) Wednesday

45. 50 men can dig 40 holes in 30 days. How long will 25 men take to dig 20 holes?

- (1) 15 days (2) $22\frac{1}{2}$ days

- (3) 30 days (4) 45 days

46. A is B's daughter. B is C's mother. D is C's brother. How is D related to A?

- (1) Father
(2) Grandfather
(3) Brother
(4) Son

47. A clock goes slow from midnight by 5 mts. at the end of the first hour, by 10 mts. at the end of the second hour, by 15 mts. at the end of the 3rd hour and so on. What will be the time by this clock after 6 hours?

- (1) 6 am (2) 5.30 am
(3) 6.30 am (4) 5.15 am

48. A statement is given followed by 4 assumptions. You have to decide which one of the given assumptions is implicit in the given statement :

Statement : Poverty is the creation of unscientific planning.

- (1) Poverty leads to unscientific planning
(2) Poverty is the creation of scientists.
(3) Poverty and learning of science are interrelated.
(4) Poverty can be eradicated by scientific planning.

49. A statement is given followed by two conclusions I and 2. You are to decide which of the given conclusions can be definitely drawn from the given statements.

Statement : Tension is detrimental to physical and mental health.

Conclusions :

- I. To be healthy one should be free from tension.

2. Mental health depends upon the tension one experiences.

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

50. **Statement :** Good Science education leads to a steady loss of hold of religion.

Which of the following conclusion is correct?

- (1) Science education and religion are unconnected.
(2) Science increases the hold of religion

(3) There is direct relationship between Science education and hold of religion

(4) Science, Education and Religion are confusing factors.

51. A statement followed by conclusions I and II is given. Which one of the four alternatives is correct?

Statement : Philanthropes with their human compassion and zeal to help the needy have contributed to human welfare in every society.

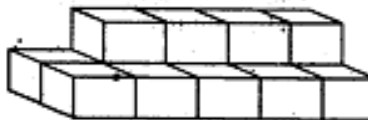
Conclusions :

I. Rich persons are philanthropes.

II. Poor people cannot act as philanthropes.

- (1) Only I is implicit in the statement.
(2) Both I and II are implicit in the statement.
(3) Neither I nor II are implicit in the statement
(4) Only II is implicit.

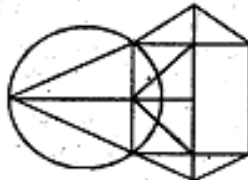
52.



The figure above is a drawing of pile of Blocks. When taken apart, how many blocks would be there?

- (1) 15 (2) 14
(3) 10 (4) 5

53.

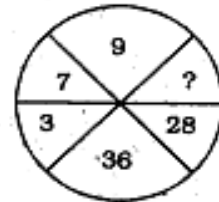


How many triangles are there in the above figure?

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

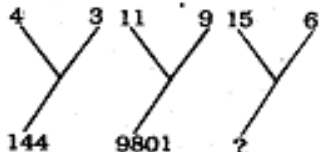
Directions (54-61) : In each of the following questions select the missing number from the given responses.

54.



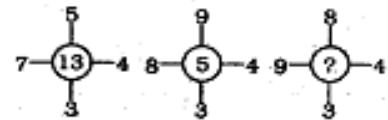
- (1) 16 (2) 12
(3) 8 (4) 6

55.



- (1) 2250 (2) 8100
(3) 11036 (4) 1216

56.



- (1) 12 (2) 15
(3) 18 (4) 14

57.



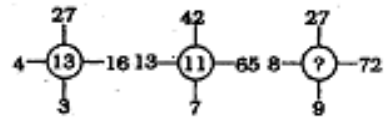
- (1) 3 (2) 5
(3) 9 (4) 10

58.



- (1) 82 (2) 83
(3) 86 (4) 26

59.



- (1) 9 (2) 18
(3) 12 (4) 6

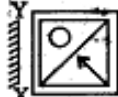
60.

26	18	10
11	9	7
5	4	1
10	5	?

- (1) 4 (2) 2
(3) 5 (4) 6
- 61.
- | | | |
|--------------------------------|--------|-----|
| 64 | 125 | 216 |
| 1 (10) 27 8 (14) 64 27 (?) 125 | | |
| 8 | 27 | 64 |
| (1) 18 | (2) 2 | |
| (3) 9 | (4) 17 | |

Directions (62-63) : In each of the following questions which of the answer figures is exactly the mirror image of the question figure when the mirror is held at XY?

62. **Question Figure**



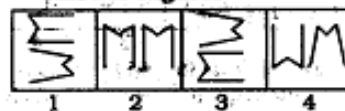
Answer Figures



63. **Question Figure**



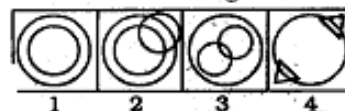
Answer Figures



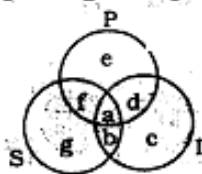
64. Which consonant among the given responses is common if three meaningful words are made from the given letters? RTYFD
- (1) R (2) T
(3) F (4) D

65. Which one of the following figures represents the statement?

"All the persons know English. A few of them know Hindi also. Those who know Hindi know Bengali."



66.



P stands for set of Politicians.
I stands for set of Indians.
S stands for set of Scientists.
Which sort of men are represented by (a)?

- (1) Only Politicians
(2) Politicians as well as Indians
(3) Indian Politicians who are Scientists
(4) Only Scientists

67.



In the diagram given above each triangle represents the customers who have T.V. channel connections.

Which triangle (s) show the subscribers who have connections of all channels?

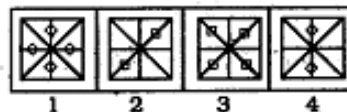
- (1) ZEE
(2) SONY
(3) STAR & UDAYA
(4) ZEE & SONY

68. A piece of paper is folded and punched as shown below. From the given responses indicate how it will appear when opened.

Question Figure



Answer Figures



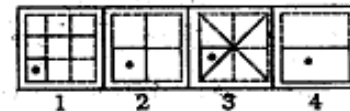
69. A square paper is folded in a particular manner and a punch is made. When unfolded the paper appears as

given below. Find the manner in which the paper is folded and punch is made.

Question figure

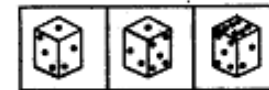


Answer Figures



70. Below are depicted the three different positions of a dice. Find the number of dots on the face opposite to the face with one dot.

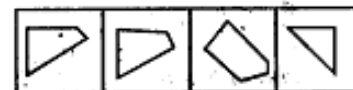
Question Figures



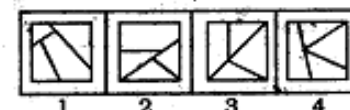
- (1) 2 (2) 3
(3) 4 (4) 6

Directions (71-72) : In each of the following questions among the four answer figures which one can be formed from the cut out pieces given below?

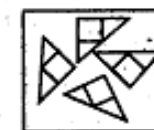
71. **Question Figures**



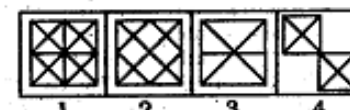
Answer Figures



72. **Question Figure**



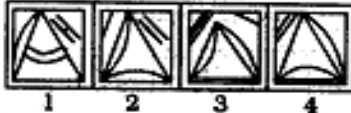
Answer Figures



73. In which answer figure is the question figure embedded?
Question Figure



Answer Figures

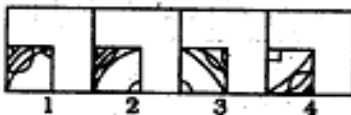


Directions (74-75) : In each of the following questions which one of the answer figures shall complete the given question figure?

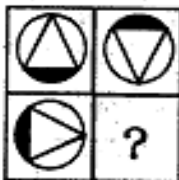
74. **Question Figure**



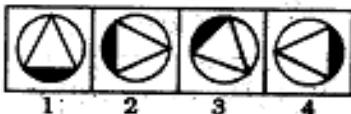
Answer Figures



75. **Question Figure**



Answer Figures



Directions (76-78) : In each of the following questions 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 the 2 matrices given below. The columns and rows of matrix I are numbered from 0 to 4 and that of matrix II from 5 to 9. A letter from these matrices can be represented first by its row and next by column number, e.g., 'M' can be represented by 14, 21 etc. 'O' can be represented by 20,

32, etc. Similarly you have to identify the set for the word given in each question.

MATRIX-I

	0	1	2	3	4
0	F	O	M	S	R
1	S	R	F	O	M
2	O	M	S	R	F
3	R	F	O	M	S
4	M	S	R	F	O

MATRIX-II

	5	6	7	8	9
5	A	T	D	I	P
6	I	P	A	T	D
7	T	D	I	P	A
8	P	A	T	D	I
9	D	I	P	A	T

76. FOAM

- (1) 24, 01, 55, 22
- (2) 43, 32, 56, 33
- (3) 12, 13, 67, 23
- (4) 00, 01, 67, 33

77. STOP

- (1) 10, 56, 44, 97
- (2) 41, 68, 01, 77
- (3) 22, 75, 32, 86
- (4) 33, 99, 42, 59

78. MOST

- (1) 02, 31, 34, 75
- (2) 33, 44, 22, 99
- (3) 41, 01, 42, 68
- (4) 21, 32, 33, 98

Directions (79-86) : In each of the following questions select the related letter/word/number/figure from the given alternatives.

79. Adult : Baby :: Flower : ?

- (1) Seed (2) Bud
- (3) Fruit (4) Stem

80. Typist : Typewriter :: Writer : ?

- (1) Script (2) Pen
- (3) Paper (4) Book

81. $\frac{C}{L} : \frac{24}{27} :: \frac{E}{N} : ?$

- (1) $\frac{54}{50}$ (2) $\frac{56}{45}$
- (3) $\frac{125}{197}$ (4) $\frac{56}{54}$

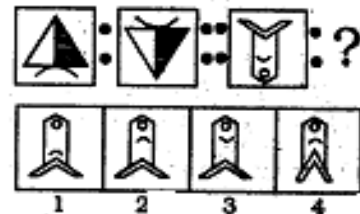
82. 149 : 238 :: 159 : ?

- (1) 248 (2) 261
- (3) 169 (4) 268

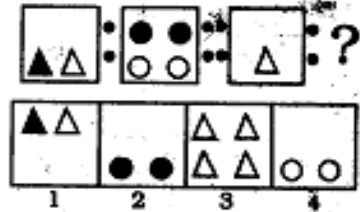
83. EIGHTY : GIEYTH :: OUTPUT : ?

- (1) UTOFTU (2) UOTUPT
- (3) TUOUTP (4) TUOTUP

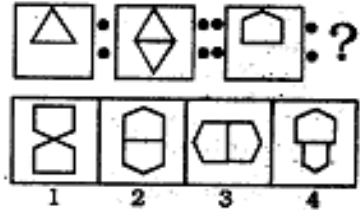
84.



85.



86.



Directions (87-97) : In each of the following questions select the one which is different from the other three responses.

87. (1) NEXFL (2) LANCP
(3) frgap (4) zgpku

88. (1) cled (2) ilkj
(3) FGHI (4) SVUT

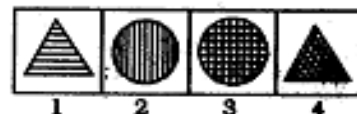
89. (1) Square
(2) Rhombus
(3) Equilateral triangle
(4) Pentagon

90. (1) Brother-Sister
(2) Mother-Father
(3) Uncle-Aunt
(4) Husband-Wife

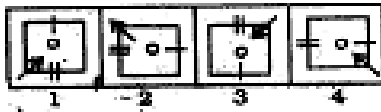
91. (1) Snooker
(2) Table Tennis
(3) Badminton
(4) Billiards

92. (1) ADHM (2) JNRX
(3) EINT (4) FJOU

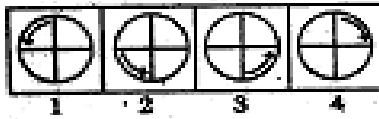
93.



94.



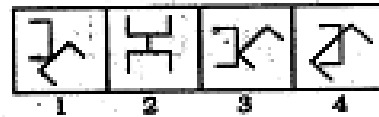
95.



96.



97.

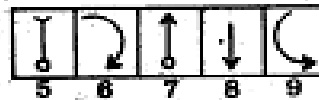


98. Find out a set of numbers amongst the four sets of numbers given in the alternatives which is most like the given set: (1, 8, 27)
- (1) (5, 12, 32)
 (2) (32, 39, 59)
 (3) (60, 79, 99)
 (4) (64, 125, 216)

99. In the number series observe the relation. Select one series from following alternatives that has same relation :

- 21, 18, 12, 0
 (1) 36, 32, 28, 30
 (2) 24, 22, 18, 9
 (3) 32, 28, 20, 4
 (4) 40, 38, 36, 28

100. A series of figures are given which can be grouped into classes. Select the group into which the figures can be classified from the given responses.



- (1) (1, 5, 7; 2, 4, 9; 3, 6, 8)
 (2) (1, 5, 8; 2, 4, 9; 3, 6, 7)
 (3) (1, 5, 7; 2, 4, 8; 3, 6, 9)
 (4) (1, 5, 7; 2, 4, 3; 8, 6, 9)

Answer: General Intelligence

1	(4)
2	(2)
3	(3)
4	(4)
5	(2)
6	(2)
7	(2)
8	(4)
9	(2)
10	(4)
11	(4)
12	(3)
13	(4)
14	(2)
15	(1)
16	(3)
17	(1)
18	(4)
19	(3)
20	(1)
21	(1)
22	(4)
23	(4)
24	(2)
25	(2)

26	(3)
27	(4)
28	(4)
29	(1)
30	(4)
31	(4)
32	(3)
33	(2)
34	(3)
35	(3)
36	(3)
37	(3)
38	(4)
39	(2)
40	(3)
41	(3)
42	(4)
43	(4)
44	(3)
45	(3)
46	(3)
47	(2)
48	(4)
49	(4)
50	(3)

51	(3)
52	(2)
53	(*)
54	(2)
55	(2)
56	(1)
57	(3)
58	(1)
59	(3)
60	(2)
61	(1)
62	(3)
63	(4)
64	(1)
65	(1)
66	(3)
67	(3)
68	(3)
69	(1)
70	(4)
71	(1)
72	(2)
73	(4)
74	(4)
75	(4)

76	(4)
77	(1)
78	(2)
79	(2)
80	(2)
81	(2)
82	(1)
83	(4)
84	(2)
85	(4)
86	(2)
87	(2)
88	(3)
89	(4)
90	(1)
91	(3)
92	(2)
93	(4)
94	(2)
95	(4)
96	(1)
97	(4)
98	(4)
99	(3)
100	(3)