PERCENTAGE

1. If salary of A is 20% more than salary of B, then salary of B is what % less than A?

(1)
$$16\frac{2}{3}\%$$
 (2) 20%

- (3) 25% (4) $15\frac{4}{5}\%$
- (5) None of these
- 2. If the sides of a square are increased by 25%, then what will be the effect on its area?
 - (1) 20% (2) 10%
 - (3) 21% (4) 25%
 - (5) None of these
- 3. If the sides of a square field are increased by

 $33\frac{1}{3}\%$, then what will be the effect on its perimeter?

- (1) 43% (2) $33\frac{1}{3}\%$
- (3) 62% (4) 41%
- (5) None of these
- 4. If the sides of a cube are increased by 30%, then what will be the effect on its volume?

(1) 69%	(2)	119.7%
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- (3) 26% (4) 52%
- (5) None of these
- 5. If the length of a rectangle is increased by 25% and breadth is increased by 20%, then what will be the effect on its area?
 - (1) 45% (2) 50%
 - (3) 44% (4) 42%
 - (5) None of these
- 6. If the length of rectangle is increased by 20% while breadth is decreased by 10%, then what will be the effect on its area?

(1)	10%	(2)	12%
(3)	8%	(4)	9%

(5) None of these

7. If the length of rectangle is increased by 40%, then by what % breadth shall be decreased in order to have the original area?

(1)
$$28\frac{4}{7}\%$$
 (2) 60%

- (3) 40% (4) $32\frac{5}{7}\%$
- (5) None of these
- 8. In a competitive examination in State A, 6% candidates got selected from the total appeared candidates. State B had an equal number of candidates appeared and 7% candidates go selected with 80 more candidates got selected than A. What was the number of candidates appeared from each state?
 - (1) 8000
 - (2) 8400
 - (3) 7680
 - (4) Cannot be determined
 - (5) None of these
- 9. The price of a car is Rs. 3,25,000. It was insured to 85% of its price. The car was damaged completely in accident and the insurance company paid 90% of the insurance. What was the difference between the price of the car and the amount received?
 - (1) Rs. 32,500 (2) Rs. 28, 750
 - (3) Rs. 76,375 (4) Rs. 81,250
 - (5) None of these

(1) (3)

 Sameer spends 24% of his monthly income on food and 15% on the education of his children. Of the remaining salary, he spends 25% on entertainment and 20% on conveyance. He is now left with Rs. 10,736. What is the monthly income of Sameer?

Rs. 27,600	(2)	Rs. 28,000
Rs. 31.200	(4)	Rs. 32.000

- (5) None of these reduce this to 2%? (1) 10 lit 11. 405 sweets are distributed equal among (2) 15 lit children in such a way that the number of (3) 25 lit (4) 12 lit sweet received by each child is 20% of the (5) None of these total number of children. How many sweets did each child receive? 17. In an examination, the percentage of students qualified to the number of students appeared (1) 50 (2) 42 from school A is 70%. In school B, the number (3) 45 (4) 40 of students appeared is 20% more than the (5) None of these student appeared from school B is 50% more than the students appeared from school A. 12. In a recent survey, 40% houses contained two What is the percentage of students qualified or more people. If in houses containing only to the number of students appeared from one person, 25% were having only a male. school B? then what is the percentage of all houses, which contains exactly one female and no (1) 30% (2) 70% males? (4) 78.5% (3) 87.5% (1) 15% (5) None of these (2) 40% 18. A reduction of 20% in the price of sugar enable a person to buy 2 kg more for Rs. 250. What (3) 75% is the reduced price? (4) cannot be determined (1) Rs. 31.25 (2) Rs. 20 (5) None of these (4) Rs. 21.75 (3) Rs. 25 13. The price of a D.V.D. is decreased by 25% (5) None of these as a result of which the sale increased by 20%. What will be the effect on total revenue 19. Naresh's monthly income is 30% more than of shop? that of Raghu. Raghu's monthly income is 20% less then than of Vishal. If the difference (1) No effect (2) 5% increase between the monthly income of Naresh and (3) 10% decrease (4) 5% increase Vishal is Rs. 800, what is the monthly income of Raghu? (5) None of these (1) Rs. 16000 14. If the tax on a commodity is increased by 25% as a result it's sale decreases by 20%, then (2) Rs. 20000 what will be the effect on revenue? (3) Rs. 12000 (1) No effect (2) 5% decrease (4) Data Inadequate (3) 10% increase (4) 5% increase (5) None of these (5) None of these 20. In a class of 40 students and 8 teachers, each 15. The total population of a village is 5000. The got sweets that are 20% of the total number number of males and females increases by of students and each teacher got sweets than 10%, and 15% respectively and consequently are 25% of the total number of students. How the population of the village become 5600. many sweets were there? What was the number of males in the village? (1) 420 (2) 400 (1) 2000 (2) 2500 (3) 320 (4) 360 (3) 3000 (4) 4000 (5) None of these (5) None of these
 - (5) None of these
 (6) None of these
 (7) None of these
 (8) None of these
 (9) None of these
 (10) None of these
 (10) None of these
 (11) None of these
 (12) None of these
 (13) None of these
 (14) None of these
 (15) None of these
 (16) None of these
 (16)

Insurance Policies, also she invests another 7% of her monthly salary on Mutual Funds. What is the total annual amount invested by Ms. Deepti Jain?

- (1) Rs. 2,11,344 (2) Rs. 17,612
- (3) Rs. 1,05.672 (4) Rs. 35,324
- (5) None of these
- 22. In a college election fought between two candidates, one candidate got 55% of the total valid votes. 15% of the votes were invalid. If the total votes were 15,200, then what is the number of valid votes the other candidate got?
 - (1) 7106 (2) 6840
 - (3) 8360 (4) 5814
 - (5) None of these
- 23. In a test consisting of 80 questions carrying one mark each, Arpita answers 65% of the first 40 questions correctly. What percent of the other 40 questions does she need to answer correctly to score 75% on the entire test?
 - (1) 60% (2) 80%
 - (3) 75% (4) 40%
 - (5) None of these
- 24. Mangesh spends 17% of his monthly income on travelling. He spends 25% of his monthly income on household expense and 36% of his monthly income on medical expenses. He has remaining amount of Rs. 10,032 as cash with him. What is Mangesh's annual income?
 - (1) Rs. 5, 50, 300
 - (2) Rs. 5, 36, 500
 - (3) Rs. 5,47, 200
 - (4) cannot be determined
 - (5) None of these
- 25. Prema decided to donate 15% of her salary to an orphanage. On the day of donation, she changed her mind and donated Rs. 1896, which was 80% of what she had decided earlier. How much is Prena's salary?
 - (1) Rs. 18,500
 - (2) Rs. 10,250
 - (3) Rs. 15,800

- (4) Cannot be determined
- (5) None of these
- 26. Two number are 20% and 50% more than the third number, find first number is what percent of the second?
 - (1) 80% (2) 100%
 - (3) 70% (4) 60%
 - (5) None of these
- 27. Two numbers are such that the first is 20% less than and the second is 20% more than the third. The first number is what percent of the second?

(1)
$$77\frac{2}{3}\%$$
 (2) $66\frac{2}{3}\%$

(3)
$$75\frac{2}{3}\%$$
 (4) $64\frac{2}{3}\%$

- (5) None of these
- 28. Two number are such that they are 40% and 50% of the third number. First number as percentage of the second is:
 - (1) 70% (2) 100%
 - (3) 80% (4) 60%
 - (5) None of these
- 29. If the price of sugar be increased by 20%, then how much percent a lady must reduce the consumption of sugar so as not to increase her expenditure?
 - (1) 16% (2) 15%
 - (3) 19% (4) 20%
 - (5) None of these
- 30. The price of onions is now reduced by 25%. What percent of its consumption should the family increase so as not to reduce the expenditure on this itesm?

(1)
$$33\frac{1}{3}\%$$
 (2) $30\frac{1}{3}\%$

(3)
$$32\frac{1}{3}\%$$
 (4) $33\frac{1}{3}\%$

- (5) None of these
- 31. The salary of an executive is first increased by 20% and later it was reduced by 20%. The

net change, if any, in his original salary is:

- (1) 4% decrease
- (3) 3% increase (4) No change

(2) 5% increase

- (5) None of these
- 32. When the price on a ticket is increased by 10%, the sale on ticket is reduced by 5%. Find the change in the collection?
 - (1) 5% decrease
 - (2) 4.5% decrease
 - (3) 4.5% increase
 - (4) 3% increase
 - (5) None of these
- 33. A student has to secure 45% marks, to qualify for interview, in a written examination. If he get 79 mark and fails by 56 marks, then find the maximum marks set to qualify for interview.
 - (1) 350 (2) 300
 - (3) 400 (4) 450
 - (5) None of these
- 34. Atul scored 30% marks in an examination and failed by 40 marks where as his friend Sunil 42% marks gets 32 marks more than the minimum required marks for the examination. The maximum marks for the examination.
 - (1) 600 (2) 700
 - (3) 800 (4) 900
 - (5) None of these
- 35. A candidate who gets 20% marks in an examination fails by 30 marks. Another candidate who gets 32% marks in the same examination gets 42 marks more than are necessary for passing the examination. What is the pass percentage of marks?
 - (1) 30% (2) 60%
 - (3) 25% (4) 40%
 - (5) None of these
- 36. In an examination, 23% of the candidates failed in civics: 29% failed in social studies where as 11% failed in both. Find the pass percentage who passed in both subjects.
 - (1) 30% (2) 59%
 - (3) 58% (4) 57%

- (5) None of these
- 37. In an examination, 30% of the candidates failed in History and 27% failed in Geography where as 15% failed in both the subjects. Find the pass percentage of those passing in both subjects.
 - (1) 50% (2) 55%
 - (3) 58% (4) 57%
 - (5) None of these
- 38. In an examination, 78% of the candidates passed in English, 67% passed in Mathematics and 10% failed in English and Mathematics both. Find the pass percentage of those who passed in both subjects.
 - (1) 50% (2) 55%
 - (3) 58% (4) 57%
 - (5) None of these
- 39. In an examination in which full marks were 2500. A got 10% less than B, B got 25% less than C and C got 20% less than D. If A got 540, then what percentage of the full marks was obtained by D?
 - (1) 35% (2) 45%
 - (3) 42% (4) 40%
 - (5) None of these
- 40. In an examination A got 10% less than B, B gets 25% more than C, and C gets 20% less than D. If A got 360 marks, then the number of marks obtained by D is:
 - (1) 400 (2) 500
 - (3) 600 (4) 700
 - (5) None of these
- 41. In an election where there are two candidates only, the candidate who gets 57 percent of the votes is declared elected by 4200 votes. The number of votes recorded is
 - (1) 40,000 (2) 50,000
 - (3) 30,000 (4) 35,000
 - (5) None of these
- 42. Three friends x, y, z whose salary together amount to Rs. 72000, spend 80%, 85% and 75% of their salaries respectively. If their savings are in the ratio as 8 : 9 : 20, then find

their respective salaries.

- (1) Rs. 16000, Rs. 24000 and Rs. 32000
- (2) Rs. 14000, Rs. 22000 and Rs. 30,000
- (3) Rs. 18000, Rs. 26000 and Rs. 34000
- (4) Rs. 10000, Rs. 18000 and Rs. 26000
- (5) None of these
- 43. In an examination 27% candidates failed in English, 38% failed in Mathematics. If 19% failed in both the subjects, then the percentage of the candidates who pass in both subjects is:
 - (1) 54% (2) 50%
 - (3) 52% (4) 48%
 - (5) None of these
- 44. In an examination, 70% candidates passed in English, 65% in Mathematics and 27% failed in both subjects and 248 candidates passed in both the subjects. The number of total students appeared in the examination?
 - (1) 300 (2) 400
 - (3) 500 (4) 600
 - (5) None of these
- 45. In an examination 36% of marks is necessary to pass and a student gets 200 marks and fails by 124 marks. The total marks is:
 - (1) 700 (2) 900
 - (3) 600 (4) 400
 - (5) None of these
- 46. In a number is 25% more than the other, then how much percent is the second number less than the first?
 - (1) 12.33% (2) 16.66%
 - (3) 16.33% (4) 20%
 - (5) None of these
- 47. If A's earning is 20% less than that of B, then how much percent is B's earning is more than that of A?
 - (1) 15.2% (2) 30%
 - (3) 25% (4) 28%
 - (5) None of these
- 48. Two numbers are 5% and 25% of a third number respectively. What percentage is the

first of the second?

- (1) 42% (2) 16%
- (3) 35% (4) 20
- (5) None of these
- 49. The numbers are less than a third number by 40% and 10% respectively. How much percent is the first number less than the second?
 - (1) 42% (2) 16%
 - (3) 35% (4) 20%
 - (5) None of these
- 50. In an examination, out of 1500 boys and 300 girls, 70% of boys and 30% of girls have passed. What is the percentage of students that failed?
 - (1) 33% (2) 25.5%
 - (3) 30% (4) 20%
 - (5) None of these
- 51. Rajesh has to score 20% marks to pass in a test. If he gets 60 marks and fails by 40 marks, then find the total marks assigned for the test?
 - (1) 550 (2) 450
 - (3) 500 (4) 200
 - (5) None of these
- 52. In a rectangle, the length and the breadth are increased by 20% and 30% respectively. What is the percentage increase in its area?
 - (1) 45% (2) 16%
 - (3) 15% (4) 56%
 - (5) None of these
- 53. The value of an article is Rs. 3450. Its values decrease 5% during the first year, 10% during the second year and 20% during the third year. What is value of the article after 3 years?
 - (1) 1892 (2) 2500
 - (3) 1890.5 (4) 2359.8
 - (5) None of these
- 54. The price of an item is decreased by 30%. In order to get the original price, the new price must be increased by
 - (1) 33% (2) 35.7%
 - (3) 50% (4) 42.85%

	(5)	None of these			61.	10%	6 of income of >	(is equal	to 15% inco	ome	
55.	The incr are	length and bread eased by 20% and 2 of the rectangle so	th of a square are 5% respectively. The formed exceeds the			of Y and a 20% income of Y is equal to 25% of the income of Z. If the income of Z is Rs. 5000, then the total income of X, Y and Z is				25% Rs. 1 is	
	area	a of the square by				(1)	20625	(2)	26500		
	(1)	50% 35%	(2)	18% 40%		(3)	21040	(4)	20550		
	(3) (5)	SS 70	(4)	40%		(5)	None of these				
56.	(5) In a faile 20%	n examination, 15% d in Biology and Hir students failed in	6 and di res both	30% students spectively while the subjects. If	62.	In a the of t Wh	group of 40 me men are less th he total persons at percentage of	n and 80 v an 30 yea s are less ^c men are u	vomen, 30% rs old and 4 than 30 yea inder 30 yea	% of ↓0% ars. ars?	
	exa	mination is	ents	passing the		(1)	35%	(2)	61%		
	(1)	1250	(2)	1200		(3)	40%	(4)	29%		
	(3)	1600	(4)	2000		(5)	None of these				
	(5)	None of these	()		63.	A repa	eduction of 25 ^o	% in the	e price of wheat		
57.	Roł	nan spends 20%	of h	is income in		Rs.	120. What is th	e original	price per ko	g of	
	ente	cation and 15% of t	ne re he ba	st in his higher lance in paying		(1)	16	(2)	10		
	his t	elephone bills. Afte	r his e	expenditure, he		(י) (3)	20	(<u></u> 2)	25		
	inco	eft with Rs. 7956 me?	. Wh	at is Rohan's		(5)	None of these	(-)	20		
	(1)	12560	(2)	14789	64.	A sl	hopkeeper has	5% of the	total pencils	s as	
	(3)	16600	(4)	20000	• • •	defe	ective. He sells §	2% of the	remainder a	and	
	(5)	None of these	()			still did	has 684 pencil he originally hav	s left. Hov /e?	v many pen	ICIIS	
58.	Out	of 140 pieces, 10%	are de	efective and out		(1)	9000	(2)	6000		
of 100 pieces, 15% are def		defec	tive. For all the		(3)	10000	(4)	8000			
	are	defective?	perce	ni oi the pieces		(5)	None of these				
	(1)	15%	(2)	6.1%	65.	Suc	cessive discour	nts of 15%	and 25%	are	
	(3)	12.08%	(4)	12.05%		equ (1)	15%	(2)	21%		
	(5)	None of these				(1) (3)	18%	(Z) (A)	2170		
59.	a%	of 2b is b% of				(5)	None of these	(+)	2070		
	(1)	2a	(2)	а	66	lf th	e numerator of	a fraction	is increased	d bv	
	(3)	0.5	(4)	3a	00.	10%	6 and the deno	minator is	decreased	l by	
	(5)	None of these				20% Wh	6, then the value	e of the fra fraction?	action is 12/	/13.	
60.	Ana	ant travels along the	diago	nal of a square.		(1)	96/143	(2)	61/89		
	nee	ds to travel if it wer	e to t	ravel along the		(3)	55/143	(4)	25/89		
	side	s of the square?		-		(5)	None of these	(1)			
	(1)	55%	(2)	41%	67.	The	population of a	city increa	ases at the r	rate	
	(3)	30%	(4)	25%		of t	5% per annual	increase	of 2% in	the	
	(5)	None of these				pop	pulation due to	the job	seekers. 7	I he	

percentage increase in the population after 2 years will be

- (1) 23% (2) 12%
- (3) 15% (4) 25%
- (5) None of these
- 68. Two fifth of one-third of a number is 85% of 320. What is the number?
 - (1) 1020 (2) 1021
 - (3) 2040 (4) 2450
 - (5) None of these
- 69. The digit at unit's place in a two-digit number is increased by 100% and the ten's digit of the same number is increased by 40%. The number thus formed is 20 more than the original number. What is the original number?
 - (1) 75 (2) 61
 - (3) 70 (4) 26
 - (5) Cannot be determined
- 70. A got 20% of the maximum marks in an examination and failed by 10 marks. B who took the same examination got 50% of the total marks and got 20 more than the passing marks. What were the passing marks in the examination?
 - (1) 35 (2) 30
 - (3) 10 (4) 28
 - (5) None of these
- 71. If two numbers are 30% and 15% of the number respectively, then what is the percentage of the first number to the second?
 - (1) 200% (2) 300%
 - (3) 350% (4) 250%
 - (5) None of these
- 72. Two students appeared in an examination. One of them secured 3 marks more than the other and his marks was 40% of the sum of their marks. The marks obtained by them are
 - (1) 4, 15 (2) 3, 15
 - (3) 3,6 (4) 2,12
 - (5) None of these
- 73. In an election, out of the two candidates, one who got 40% of the total votes was defeated by 20,000 votes. Calculate the total number

of votes polled.

- (1) 50000 (2) 100000
- (3) 102450 (4) 500000
- (5) None of these
- 74. A and B has the same price. If the price of A increases by 10% and the price of B increases by 5%, then how much more will it cost to but 3 A's and 3 B's?
 - (1) 550% (2) 600%
 - (3) 445% (4) 350%
 - (5) None of these
- 75. A vendor had some boxes. He sells 30% of the boxes and still has 154 boxes. What is the number of boxes he had originally?
 - (1) 51 (2) 31
 - (3) 30 (4) 22
 - (5) None of these
- 76. In an island, 30% of men is same is half of women and there are 15000 women. Total number of people in the island is
 - (1) 35000 (2) 29000
 - (3) 10000 (4) 25000
 - (5) None of these
- 77. 40% of the voters decide to vote for A and rests decide to vote for B. But on the last day of the election, only 20% voted for A and 40%, voted for B. If A lost by 20 votes, then the total number of voters is
 - (1) 75 (2) 61
 - (3) 90 (4) 95
 - (5) None of these
- 78. Out of the 2500 inhabitants of a town, 70% are males of whom 30% are literate. If, out of all the inhabitants 30% are literate, then what percentage of the females of the town are literate?
 - (1) 15% (2) 21%
 - (3) 18% (4) 5%
 - (5) None of these
- 79. Rs. 7400 was distributed among A, B and C such that A received 25% more than B and B received 20% more than C. What amount did

	C re	eceive?					
	(1)	2000	(2)	6.071			
	(3)	10	(4)	2.05			
	(5)	None of these					
80.	A tra pric wer his	ader dealing in mobil e by 20% as result nt up by 80%. What v sales income?	le pho of wi was th	ne reduced the hich, the sales ne net effect on			
	(1)	105%	(2)	116%			
	(3)	98.5%	(4)	72%			
	(5)	None of these					
81.	Rar occ for Wh	nesh spends Rs. 50 asion, he could buy Rs. 50 as the price h at was the earlier pri	to by 2.5 kg ad go ice of	butter. On one g of butter less one up by 20%. butter per kg?			
	(1)	Rs. 3.33	(2)	Rs. 6.21			
	(3)	Rs. 4.10	(4)	Rs. 5.05			
	(5)	None of these					
82.	lf 'a	' is 90% of 'b' is wha	t perc	ent of 'a+3b'?			
	(1)	35%	(2)	12.5%			
	(3)	10%	(4)	25.6%			
	(5)	None of these					
83.	33. 40% of the employees of certain company a men and 60% of men earn more than R 30,000 per year. If 40% of the company employees earn more than Rs. 30,000 p year, then what fraction of the wome employed by the company earn less than equal to Rs. 30,000 per year?						
	(1)	7/12	(2)	11/25			
	(3)	0.6	(4)	2.05			
	(5)	None of these					

- 84. Rajnesh's earning increases by 30% in one year but decreases by 5% in the next year. After 5 years, his total earnings would be Rs. 60,000. What is his present earning?
 - (1) Rs. 30,000 (2) Rs. 41,000
 - (3) Rs. 25000 (4) Rs. 35000
 - (5) None of these
- 85. Three subjects in an examination have maximum marks per subject in the ratio of 1 : 2 : 4 respectively. If a student obtained 40% in the first subject, 50% in the second and

60% in the third subject, then what percentage did he score overall?

- (1) 52.5% (2) 67%
- (3) 54.3% (4) 56.7%
- (5) None of these
- 86. Give that a% of b + ? % of 2a = a% of (a+2b). The value of '?' is
 - (1) a b (2) (a + b)/2
 - (3) a-2b (4) a+b
 - (5) None of these
- 87. In city, 10% of the population died due to drought, 10% of the remaining due to lack of food and 20% of the rest due to disease. The final population was reduced to 820, 80,88. What was the original value of the population?
 - (1) 5560000 (2) 6710000
 - (3) 1000000 (4) 20550000
 - (5) None of these
- 88. The daily wage is increased by 25% and a person now gets Rs. 25 per day. What was his daily wage before the increase?
 - (1) Rs. 35 (2) Rs. 24
 - (3) Rs. 20 (4) Rs. 25
 - (5) None of these
- 89. The price of sugar has fallen by 10%. How many 1 kg can be bought for the same amount which was sufficient to buy 18 1 kg at the higher price?
 - (1) 15 (2) 60
 - (3) 10 (4) 20
 - (5) None of these
- 90. There are five boxes in a container. The weight of the first box is 200 kg and the weight of the second box is 20% higher than the weight of the third box, whose weight is 25% higher than the first box. The fourth box at 350 kg is 30% higher than the fifth box. The difference in average weight of the four heaviest boxes and the four lightest boxes is
 - (1) 55 (2) 62.5
 - (3) 70.5 (4) 82
 - (5) None of these
- 91. In a college, there are 15 more girls than boys.

If the number of girls is increased by 10% and 94. Given that 40% of 2490 + 30% of x = 33.33% the number of boys is also increased by 16%, of 4500. What is the value of 'x' there would be 9 more girls than boys. What (1) 1250 (2) 3215 is the number of students in the school? (3) 168 (4) 105 (1) 300 (2) 265 (5) None of these (3) 120 (4) 455 95. Given that 20% of 25% of 8420 of x = 20% of (5) None of these 12500 + 0.5 × 112. What is the value of 'x'? 92. The worker receives a 2.5% cut in pay and (1) 5 (2) 6.071 now his salary is Rs. 25000. What was his (3) 10 (4) 2.05 salary to begin with? (5) None of these (1) 18433 (2) 13452 (3) 22354 (4) 24562 (5) None of these 93. Anirban gets a 4% raise. A year later, Anirban receives a 2.5% cut in pay and now his salary is Rs. 25000. What was his salary to begin with? (1) Rs. 24654.8 (2) Rs. 20000 (3) Rs. 13005 (4) Rs. 15421 (5) None of these

ANSWERS

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