1.	If S is a number between 0 and 1, which of the following is NOT more than S ?					
	A. \sqrt{s}	B. 1/s	C. 2s	D. <i>s</i> ²		
2.	Look at the pattern ca		40 50 55, then which	n of the following pair		
	A. 60 65	B. 65 70	C. 60 75	D. 60 70		
3.	What is the simplified	d form of $(1 \div 10^{-1})$	$\times (-1)^{-10}$?			
	A. 10	B. 1	C. 0.1	D. 100		
4.	If $b \neq 0$ and $\frac{a}{5} = \frac{b}{7}$,	what is the value of $\frac{a}{b}$?			
	A. 7/5	B. 1/7	C. 1/5	D. 5/7		
5.	Look at the pattern ca of numbers comes no		9 32 27 32, then whi	ch of the following pair		
	A. 29 32	B. 29 30	C. 25 32	D. 25 30		
6.	$1 \div 0.1 \div 0.01 \div 0.0$	01 is equal to				
	A. 1,000,000	B. 0.001	C. 100	D. 0.00001		
7.	What number increased by 3 is equal to 3 less than twice the number?					
	A. 3	B. 9	C. 12	D. 6		
8.	•	ested an election for a ectively. What percent	* *	nd received 1136, 7636 did the winning		
	A. 65%	B. 57%	C. 59%	D. 61%		

9.	If one-fourth of one-third of a number is 15, then what is three-tenth of that number?							
	A. 39	B. 45	C. 54	D. 34				
10.	10. An athlete completes a journey in 10 hours. He travels first half of the journey at the rate of 21 km/hr and second half at the rate of 24 km/hr. What is the total journey in km?							
	A. 216 km	B. 225 km	C. 218 km	D. 230 km				
11.	If $y \neq 0$ and $xy = \frac{y}{6}$, what is the value of x	: ?					
	A. 1/2	B. 1/8	C. 1/4	D. 1/6				
12.	12. What number should come next in the series: 7, 10, 8, 11, 9, 12,?							
	A. 13	B. 10	C. 12	D. 7				
13.	13. The difference between a positive proper fraction and its reciprocal is 9/20. What is the value of the fraction?							
	A. 5/4	B. 3/5	C. 4/3	D. 4/2				
14.	14. What is the product of $(\sqrt{7}-2)(\sqrt{7}+2)$?							
	A. 5	B. 4	C. 2	D. 3				
15.	15. The sum of ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?							
	A. 8 years	B. 4 years	C. 6 years	D. 10 years				

17. A library has an average of 510 visitors on Sundays and 240 on other days. What is the average number of visitor per day in a month of 30 days beginning with a Sunday?						
B. 283	C. 275	D. 290				
18. What number should come next in the series: 58, 52, 46, 40, 34, ?						
B. 30	C. 28	D. 34				
19. If $x > y$, compare the two quantities						
Quantity A	Quantity B					
30% of <i>x</i>	50% of <i>y</i>					
	B. 283 d come next in the series B. 30 the two quantities	B. 283 C. 275 d come next in the series: 58, 52, 46, 40, 34, . B. 30 C. 28 the two quantities Quantity A Quantity B				

C. The relationship cannot be determined from the information given.

D. The relationship cannot be determined from the information given.

 $\overline{\mathbf{Quantity}} \, \boldsymbol{B}$

 $(-31)^{13}$

C. 404

D. 414

16. What number should come next in the series: 544, 509, 474, 439, ...?

B. 420

A. The two quantities are equal.

A. The two quantities are equal.

20. Compare the two quantities

B. Quantity *A* is less than quantity *B*.

D. Quantity *A* is greater than quantity *B*.

Quantity A $(-21)^{12}$

B. Quantity *A* is greater than quantity *B*.C. Quantity *A* is less than quantity *B*.

A. 445

Questions 21-25 are based on the hypothetical data given in the table below. Answer each question based on the data.

Number of candidates that took and qualified in a license examination from different regions over the years.

	Year									
Regions	1997-2000		1998-2001		1999-2002		2000-2003		2001-2004	
	Took	Qual.								
AA	5200	720	8500	980	7400	850	6800	775	9500	1125
AM	7500	840	9200	1050	8450	920	9200	980	8800	1020
OR	6400	780	8800	1020	7800	890	8750	1010	9750	1250
TI	8100	950	9500	1240	8700	980	9700	1200	8950	995
SP	7800	870	7600	940	9800	1350	7600	945	7990	885

21.	What is the percentage of	f total number of	qualified candid	lates to the tot	tal number of
	candidates took the exam	among all the fi	ve regions in 200	02?	

- A. 11.84%
- B. 11.52%
- C. 11.48%
- D. 11.89%

22. What is the percentage of candidates qualified from Region AM for all the years together, over the candidates took the exam from Region AM during all the years together?

- A. 11.75%
- B. 11.46%
- C. 11.57%
- D. 11.15%

23. In which of the given years the number of candidates took the exam from region OR has maximum percentage of qualified candidates?

- A. 2001
- B. 2003
- C. 2004
- D. 2000

24. What is the average number of candidates who took the exam from Region TI during the given years?

- A. 8800
- B. 8900
- C. 8860
- D. 8990

25. What percent is the total number of qualified candidates in 1997-2000 to the total number of those qualified in 2001-2004?						
A. 84%	B. 76%	C. 78%	D. 80%			