PRACTICE TEST PAPER NO. 8 **Mathematical Ability**

Q. 1-5. What will come in place of the question mark(?) in the following questions?

- 1. $25+125\times2=?$
 - (1) 375
 - (3)6250

- (5) None of these
- 2. 150% of 15 + 75% of 75 = ?
 - (1) 78.75
 - (3) 281.25
 - (5) None of these
- (2) 6 (4) 4

3.
$$\left(\left(\left(2\right)^4\right)^{\frac{1}{2}}\right)$$
? = 256

- (3) 4
- (5) None of these

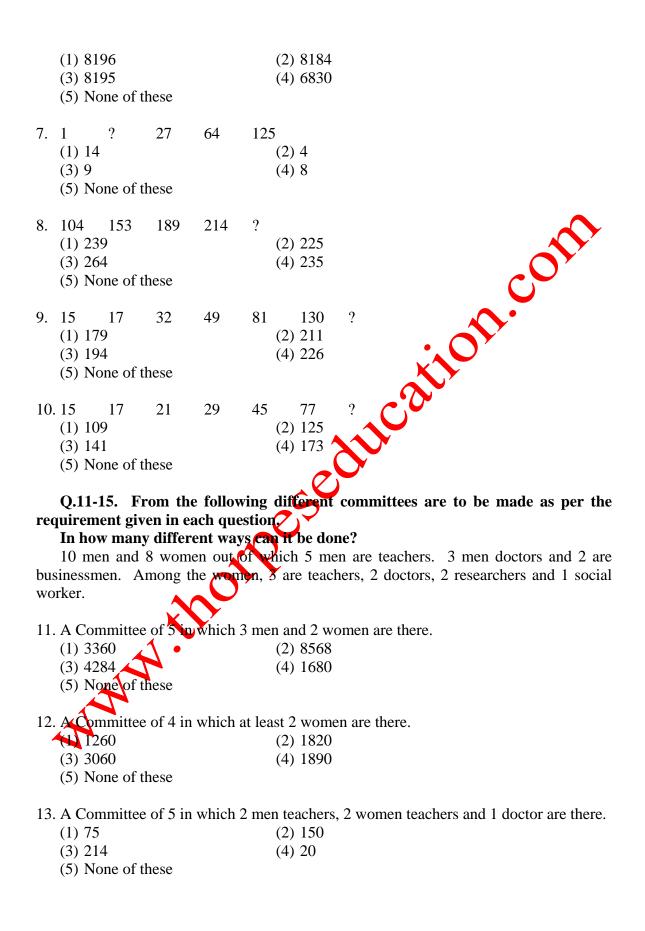
4.
$$4\sqrt{10,000} = (100)^{?}$$

- $(1) \frac{1}{2}$

- (5) None of

5.
$$-20 \times 40 \times \frac{1}{5} \div \frac{30}{25} = 2$$

- (4) 192
- (5) None of these
- Q. 6-10. What will come in place of the question mark (?) in the following series?
- 6. 12
- 22
- 69
- 272
- 1365
- ?



14.	A Committee of 7.	
	(1) 31824	(2) 1200
	(3) 9600	(4) 15912
	(5) None of these	
15.	A Committee of 3 in which there	is no teacher and no doctor.
	(1) 100	(2) 120
	(3) 10	(4) 12
	(5) None of these	(1) 12
	(e) I tone of these	
	16-20. Study the following grap	oh to answer the given questions.
PE	R CENT RISE IN PRODUCTION	ON OVER THE YEARS
		1 1000
16.	For how many years is the per ce	
	(1) One	(2) Two
	(3) Five	(4) Three
	(5) None of these	
17	XXII	
1/.	What is the average of the per cer	nt rise over the given years?
	(1) 110	(4) (2)
	(3) 100.5	(4) 99.5
	(5) None of these	O*
10	For how many was is the	ant vice leven then the evenese of the new cent vice
18.		ent rise lower than the average of the per cent rise
	over the given years?	(2) One
	(1) Two	(2) One
	(3) Five	(4) Three
	(5) None of these	
10	For which of the given years is	the per cent rice (from the prayious year) in the per
19.	cent rise the least? (Years 2001 a	the per cent rise (from the previous year) in the per
	(1) 2000	(2) 2004
	(3) 2006	(4) Cannot be determined
	5 None of these	(4) Califor be determined
	None of these	
20	If the production in 1998 was 10	000 units how much is the production in 2002?
20.	(1) 35,280 units	(2) 64,680 units
	(3) 46,200 units	(4) Cannot be determined
	(5) None of these	(+) Camiot be determined
	(5) Hone of these	
Q.	21-25. Study the following table	e to answer the given questions.

NUMBER OF BOOKS OF DIFFERENT PRICES BOUGHT IN DIFFERENT MONTHS

Month	January	March	May	July	September	November
Price						
More than Rs. 5,000/-	50	106	2	30	25	75
Rs. 4,000-Rs. 5,000	105	1000	40	105	400	375
Rs. 3,000-Rs. 3,999	70	100	80	115	200	240
Rs. 2,000-Rs. 2,999	300	500	100	216	135	300
Rs. 1,000-Rs. 1,999	140	370	200	225	175	470
Rs. 500-Rs. 999	200	700	15	400	15.	530
Less than Rs 500	65	135	111	188	25	65

21	In	which	month	was	maximum	number	αf	hooks	hough	(
41.	Ш	WIIICII	шопш	was	IIIaxiiiiuiii	Hullingi	OI.	CAUUU	DOUBIL	

(1) March

(2) November

(3) July

(4) September

(5) None of these

22. For which price range was maximum number of books bought for the given months together?

(1) Rs. 500-Rs 999

(2) Rs 2,000- Rs 2,999

(3) Rs 1,000- Rs 1,999

(4) Rs 3,000- Rs 3,999

(5) None of these

23. The books of price range Rs 1,000- Rs 1,999 bought in January is what per cent of that of May?

(1) 30

(2)70

(3) 142.86

(4) 60

(5) None of these

24. How much is the difference in the number of books bought in September and November?

(1) 244

(2) 776

(3) 1020

(4) 1310

(5) None of these

25. What is the respective ratio of books of Rs. 4,000- Rs 5,000 bought in January to that of March?

(1) 1:10

(2) 15:100

(3) 930 : 2911

(4) 21:200

(5) None of these

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

24. (25. (conf.)

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