	Quantitative Aptitude							
76.	Directions (Q.76-80) question mark (?) in the 2.8 × 1.5 + 8% of 250 = ? (1) 24.2 (2) 24.02 (3) 242.2	What will come in place of the e following questions ?	86.	 Out of 5 women and 4 men, a committee of three members is to be formed in such a way that at least one member is a woman. In how many different ways can this be done? (1) 80 (2) 84 (3) 76 (4) 96 (5) None of these 				
	(4) 2.42 (5) None of these $3\frac{2}{7}-2\frac{1}{14}-1\frac{1}{14}-1\frac{1}{7}=?$ (1) $1\frac{1}{7}$	(2) $1\frac{2}{7}$	87.	 The present ages of Amit and his father are in the ratio of 2:5 respectively. Four years hence the ratio of their ages will become 5:11 respectively. What was the father's age five years ago? (1) 40 yr (2) 45 yr (3) 30 yr (4) 35 yr (5) None of these 				
	(3) $\frac{1}{7}$ (5) None of these $\frac{3}{8}$ of $\frac{4}{5}$ of $\frac{2}{3}$ of 730 = ? (1) 86	(4) $\frac{3}{7}$ (2) 146	88.	Twice the square of a number is six times the othernumber. What is the ratio of the first number to thesecond ?(1) 1:4(2) 2:5(3) 1:3(4) Cannot be determined				
79.	 (3) 156 (5) None of these 8⁷ × 2⁶ ÷ 8^{2.4} = 8[?] (1) 10.6 (3) 8.6 (5) None of these 	 (4) 93 (2) 9.6 (4) 6.6 	89.	 (5) None of these Manoj sold an article for ₹ 15000. Had he offered a discount of 10% on the selling price, he would have earned a profit of 8%. What is the cost price ? (1) ₹ 12500 (2) ₹ 13500 (3) ₹ 12250 (4) ₹ 13250 				
80.		f 400 www.educationob (2) 40 (4) 120	398)I	 (5) None of these The cost of pension 2 pensio				
81.	Directions (Q. 81–85) question mark (?) in eac 2 8 26 ? 242	What will come in place of the h of the following number series ?	91.	In how many different ways can be letters of the word TOTAL be arranged ? (1) 120 (2) 60 (3) 48 (4) 72 (5) None of these				
	 (1) 78 (3) 82 (5) None of these 	(2) 72 (4) 84		If the area of a circle is 616 cm^2 , what is its perimeter ? (1) 76 cm (2) 84 cm (3) 96 cm (4) 80 cm				
	3 4 12 ? 196 (1) 45 (3) 41 (5) None of these	(2) 40 (4) 49		 (5) None of these B and C together can complete a work in 8 days, A and B together can complete the same work in 12 days, and A and C together can complete the same work in 16 days. In, 				
	9 17 ? 65 129 (1) 32 (3) 35 (5) None of these	(2) 24 (4) 33		how many days can A, B and C together complete the same work? (1) $3\frac{9}{13}$ (2) $7\frac{5}{13}$				
84.	7 13 ? 49 97 (1) 27 (3) 23 (5) None of these	(2) 25 (4) 29	94.	(3) $7\frac{5}{12}$ (4) $3\frac{5}{12}$ (5) None of these What will be the compound interest accrued on an				
	5 3 6 ? 64.75 (1) 15 (3) 17.5 (5) None of these	(2) 15.5(4) 17.25		amount of ₹ 10000 @ 20% per annum in two years if the interest is compounded half-yearly ? (1) ₹ 4400 (2) ₹ 4600 (3) ₹ 4641 (4) ₹ 4680 (5) None of these				

					'		Dallk PU	Exam (U	5-07-20	09) 5
of A, E (1) ₹ 3 (3) ₹ 2 (5) No Dire com	e of C is 120% of t 3 and C together is 30000 20000 ene of these ections (Q. 96–10 the in place of the stions ? (You are p	 50% of the income of B and the he income of A. If the total income is ₹ 86000, what is C's income ? (2) ₹ 32000 (4) ₹ 36000 50) What approximate value will question mark (?) in the following not expected to calculate the exact 	103. Лара	What is a two I. The sum II. The digit unit's pla What is the r I. The amou II. The simpl In how many I. B and C to	of the c in the ce. ate of in unt dou le inter days c	digits is ten's p nterest bles its est acci an B alo	6. lace is per cen elf in 1 rued in one cor	nt per an 0 years 5 years nplete t	nnum ? s is ₹ 50 the wor	100. k ?
96. 7999.9	$9 + 72 \times 49.99 = ?$			II. A and B to	ogether	can co	mplate	the wo	rk in 1'	days.
(1) 120 (3) 125 (5) 110	000	(2) 12600 (4) 11600	105.	What is the m I. The presen 5 : 1 respe	other's	preser of moth	it age ?			
97. (25.01) ²	$-(15.99)^2 = ?$		II. Four years hence the ratio of the age					he ages	es of mother ar	
(1) 361 (4) 375 98. 380 × 12 (1) 450 (4) 4850	(5) 3 2.25 - 365 + 15 = 1 0 (2) 4	56 550 (3) 4800		child will be 17 : 5 respectively. Directions (Q. 106–110) Study the following to carefully to answer these questions. Table showing number (in lakhs) of instruments manufactured by six companies over the years					ng tab	
	f 25501 + 50% of :	28999 = ?		$Company \rightarrow$	T.S.					
(1) 624((3) 604((2) 64000		Year	A	B	C	D	E	F
(5) 6160	00	(4) 64200		2002 2003	45 40	35 32	48 52	42 46	50 48	49
	$\times 14.995 \div 25 = ?$			2004	48	36	50	43	40 56	45 48
(1) 105 (3) 110		(2) 115		2005	49	37	45	48	52	44
(5) 110		(4) 125		2006	46	30	55	50	54	50
(0) 120		www.educationobs	serve	er.gopm/1	⊃zµn	38	47	40	51	52
II are provid	given below it. You) Each of the questions below d two statements numbered I and I have to decide whether the data ents are sufficient to answer the statements and		What is the ave by Company C 1) 4900000 3) 4850000	rage nu for all	the give (2	of instru en year) 4950() 4800(s ? 000		

sufficient to answer the question while the data in Statement II alone are not sufficient to answer the

Give answer (2) if the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the

Give answer (3) if the data in Statement I alone or in Statement II alone are sufficient to answer the question. Give answer (4) if the data in both the Statements I and II are not sufficient to answer the question.

Give answer (5) if the data in both the Statements I and II together are necessary to answer the question.

Caution Do not mark your answer unless you consider

101. What is Nikita's share in the profit of ₹ 50000 earned in the business run by her in partnership with Sharmila ?

- I. Nikita invested an amount 150% of the amount invested by Sharmila.
- II. The amount invested by Sharmila is two-thirds of the

107. The no. of instruments manufactured by Company E in 2004 is approximately what per cent of the total no. of instruments manufactured by all the companies together in 2004 ?

(1) 23	(2) 25
(3) 20	(4) 16
(5) 18	

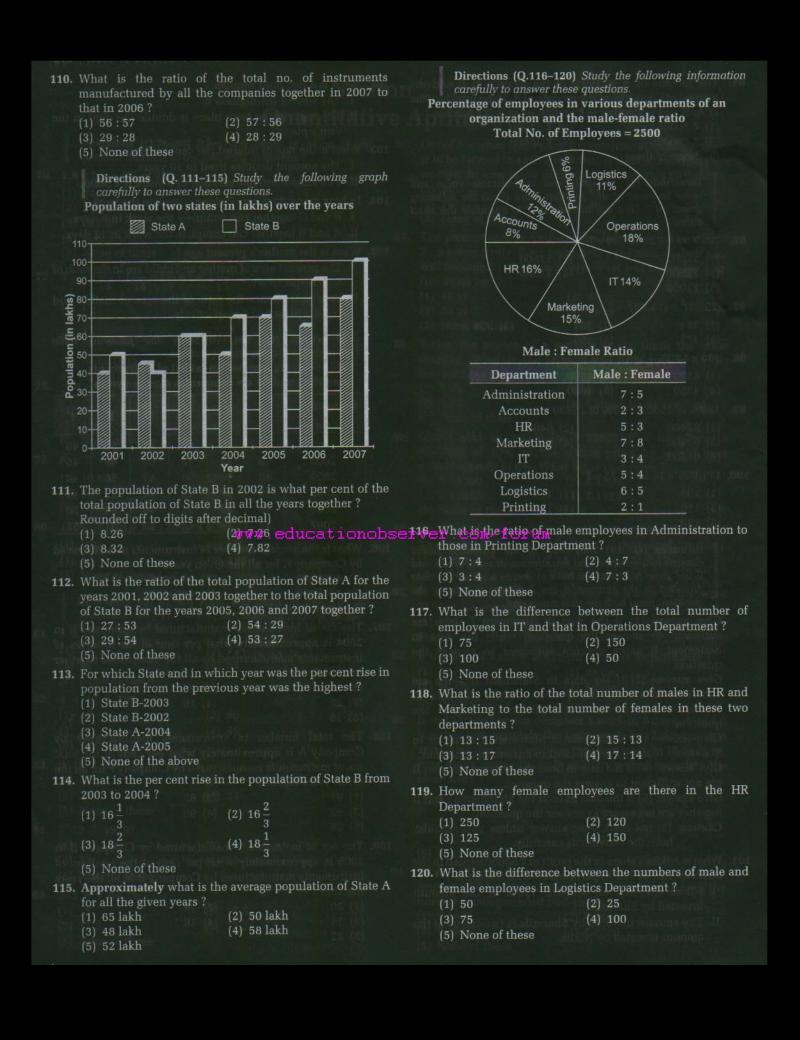
108. The total number of instruments manufactured by Company A is approximately what per cent of the total no. of instruments manufactured by Company F for all the

(1) 97	(2)	87
(3) 92	(4)	

(5) 85

109. The no. of instruments manufactured by Company B in 2005 is approximately what per cent of the total no. of instruments manufactured by Company B in all the years

(1) 20	(2) 16
(3) 14	(4) 18
(5) 22	



Subject	History	Geogr- aphy	Maths	Science	Econo- mics	English
Max Marks	50	50	100	75	100	120
A	86	82	77	72	69	66
В	80	74	73	66	76	84
С	68	92	89	78	75	72
D	76	84	83	81	59	60
	72	66	82	87	62	78
F	84	64	93	63	81	54

122.	Marks obtained by E in Economics is approximately what
	per cent of the total marks obtained by him in all subjects
	together ?

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

- 123. What is the overall percentage of marks obtained by all the
 - (2) 69
 - (4) 81
 - (5) None of these
- 124. What is the total marks obtained by D in History, Mathematics, Science and English together ?
 - (2) 275.55(4) 253.75

(5) None of these

- 125. What is the total marks obtained by B in all subjects
 - (1) 376.3
 (3) 376.6
 (5) None of these (2) 373.6 (4), 373.3