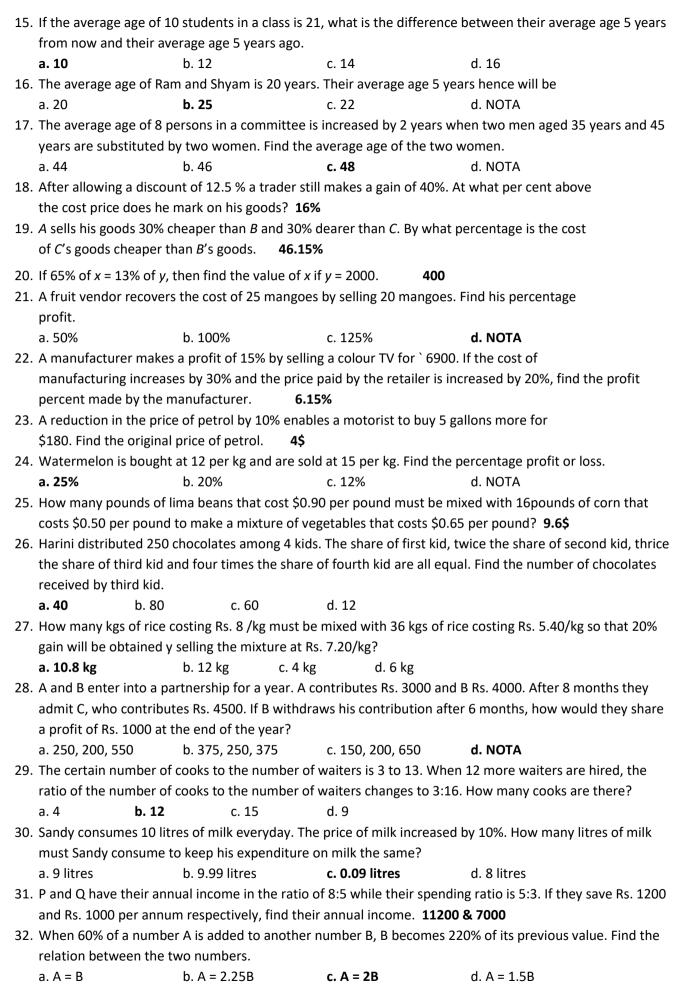
1.	Find the number of zeroes in the product $1^1 \times 2^2 \times 3^3 \times 4^4 \times 5^5 \times 6^6 \times \times 49^{49}$ - 250				
2.	Find the number of ending zeroes for the following?				
	(a) 3200 + 1000 + 40000 + 32000 + 15000000 - 2				
	(b) 3200 × 1000 × 40000 × 32000 × 16000000 - 18				
3.	A & B invested in the ratio 4:9 in a business. If 8 % of the total profit goes to charity and A's share in the				
	business is Rs. 460, find the total profit.	·	,		
	a. Rs. 2625 b. Rs. 2526	c. Rs. 1526	d. Rs. 1625		
4.	`2250 is divided among three friends Ama	ar, Bijoy and Chandra i	n such a way that 1/6th of Amar's share,		
	1/4th of Bijoy's share and 2/5th of Chandra's share are equal. Find Amar's share.				
	(a) `720 (b) ` 1080 (c) `450 (d) `1240				
5.	King Sheru had ordered the distribution of	f apples according to t	he following plan : for every 20 apples the		
	elephant gets, the zebra should get 13 apples and the deer should get 8 apples. Now his servant Shambha				
	jackal is in a fix. Can you help him by telling how much should he give to the elephant if there were 820				
	apples in total?				
	(a) 140 (b) 160	(c) 200	(d) 400		
6.	If the ratio of the ages of A and B is 6:5 a	t present, and fifteen	years from now, the ratio		
	will get changed to 9:8, then find B's present age.				
	a. 15 b. 20	c. 25	d. NOTA		
7.	A man receives `60 for the first week and	`3 more each week th	nan the preceding week. How much does		
	he earn by the 20th week?				
8.	A, B and C enter into a partnership with a capital in which A's contribution is Rs.10,000. If out of a total				
	profit of Rs.1000, A gets Rs.500 and B gets Rs.300 then C's capital is				
	a) 4000 b) 5000	c) 6000	d) 9000		
9.	A naughty boy Amrit watches an innings o	•	•		
	sees Sachin scoring. The details of these are given below.				
	1 run Place an orange in the bas	sket			
	2 runs Place a mango in the basl	ket			
	3 runs Place a pear in the basket				
	4 runs Remove a pear and a mango from the basket				
	One fine day, at the start of the match, the basket is empty. The sequence of runs scored by Sachin in				
	that innings are given as 11232411234232341121314. At the end of the above innings, how many more				
	oranges were there compared to mangoes inside the basket? (The Basket was empty initially).				
	(a) 4 (b) 5	(c) 6	(d) 7		
10.	If P & Q are different prime numbers. Find	the number of divisor	rs of P x Q.		
	a. 2 b. 4	c. 6	d. CBD		
11.	Find the remainder when 51 $^{\rm 203}$ is divided	by 7.			
	a. 4 b. 2	c. 1	d. 6		
12.	The average age of A, B, C and D five years	s ago was 45 years. By	including X, the present		
	average age of all the five is 49 years. The present age of X is				
	(a) 64 years (b) 48 years	(c) 45 years	(d) 40 years		
13.	The average of 13 papers is 40. The average of the first 7 papers is 42 and of the last seven				
	papers is 35. Find the marks obtained in the 7th paper.				
	a. 49 b. 35	c. 42	d. NOTA		
14.	The average age of 3 students A, B and C is				
	average becomes 44 marks. If another student E, who has 3 marks more than D, joins the group, the				
	overage of the 4 students B, C, D and E becomes 43 marks. Find how many marks A got in the exam.				



33. A's age 6 years back was half of the total of B and C's present ages. If C is 2 years older than B, what is A's age at present? **CBD**

34. M is thrice as ol G's present age		s old as M 6 years hend	e. Six years ago J was 5 ye	ears old. What is	
35. The ratio of mil	k and water in a mixture	e of 35 litres is 4:1. How	much water must be add	ded to the mixture	
so that the ratio	o of milk and water be 3	:2. 35/3 litres			
36. A sum of Rs.45	A sum of Rs.45 is made of 100 coins, partly of 50 paise and 25 paise. What is the number of 50 paise				
coins?					
a. 60	b. 20	c. 40	d. 80		
37. A box of 150 pa packets are the	0.	ckets and 2kg packets.	Total weight of box is 264	kg. How many 2kg	
38. What is the gre	atest number that will o	livide 461 & 688 leaving	g remainders 11 and 13 re	espectively?	
225					
	St. 5.000/ 100/		C: C200/	CO0/ (II:	

- 39. A trader earns a profit of 20% on 40% of his goods sold, while he earns a profit of 30% on 60% of his
- goods sold. Find his percentage profit on the whole. 26% 40. If 5 kg of salt costing `5/kg and 3 kg of salt costing `4/kg are mixed, find the average cost of the mixture per kilogram.
 - a. 3.85 b. 4.625 c. 5.5 b. NOTA