



## IBPS CLERK MARATHON – 2016

### Ratio & Proportion and Ages

1. Seats for Mathematics, Physics and Biology in a school are in the ratio 5 : 7 : 8. There is a proposal to increase these seats by 40%, 50% and 75% respectively. What will be the ratio of increased seats?  
a) 2 : 3 : 4                      c) 6 : 7 : 8                      c) 6 : 8 : 9  
d) 4:3:2                          e) None of these
2. A sum of money is to be distributed among A, B, C, D in the proportion of 5 : 2 : 4 : 3. If C gets Rs. 1000 more than D, what is B's share?  
a) Rs. 500                      b) Rs. 1500                      c) Rs. 2000  
d) Rs.2500                      e) None of these
3. Out of the ratio 7 : 15, 15 : 23, 17 : 25 and 21 : 29 the smallest one is ?  
a) 17 : 25                      b) 7 : 15                      c) 15 : 23  
d) 21 : 29                      e) None of these
4. A, B and C started a business by investing ₹ 28000, ₹ 35000 and ₹ 14000, respectively, At the end of a year, they got a total profit of ₹ 5225. Find A's share ?  
a) ₹ 1740                      b) ₹ 1850                      c) ₹ 1900  
d) ₹ 1650                      e) None of these
5. If  $2A = 3B = 4C$  then, find A : B : C ?  
a) 2 : 3 : 4                      b) 4 : 3 : 2                      c) 6 : 4 : 3  
d) 3 : 4 : 6                      e) None of these
6. If  $a:b=1:2$  and  $b:c=3:4$  find  $a:b:c$ ?  
a) 3:8:6                      b) 3:12:6                      c) 3:6:8  
d) 1:2:4                      e) None of these







29. Six years ago Anita was P times as old as Ben was. If Anita is now 17 years old, how old is Ben now in terms of P?
- a)  $11/P + 6$                       b)  $P/11 + 6$                       c)  $17 - P/6$   
d) Cant be determined            e) none of these
30. The ratio of Laxmi's age to the age of her mother is 3:11. The difference of their ages is 24 years. The ratio of their ages after 3 years will be?
- a) 1:3                                      b) 3:1                                      c) 2:5  
d) 5:2                                      e) None of these

### Apps Answer Key

1.a	2.c	3.b	4.c	5.c	6.c	7.d	8.d	9.c	10.e
11.c	12.c	13.c	14.c	15.b	16.c	17.b	18.b	19.b	20.b
21.c	22.a	23.c	24.c	25.a	26.b	27.d	28.d	29.a	30.a