**🔹 Ratio‑Type IQ Questions (30 MCQs)**

1. Ben divides $2000 between two sons in ratio 2:3. Larger share is:  
   a) $800 b) $1,200 c) $1,400 d) $1,666 ✅ **b)**
2. A class has boys:girls = 1:3. Ratio girls to boys =:  
   a) 1:3 b) 3:1 c) 1:4 d) 4:1 ✅ **b)**
3. If 3/8 of toy cars are green, ratio green:pink =:  
   a) 3:5 b) 3:8 c) 5:8 d) 8:3 ✅ **a)**
4. Peter's room is twice Paul's. Rent £1200. Peter pays:  
   a) £400 b) £800 c) £600 d) £500 ✅ **b)**
5. Scott’s German:Japanese =5:2; Rachel’s =4:3; both have same number of Japanese cars. Ratio of total Scott:Rachel =:  
   a) 15:8 b) 9:7 c) 1:1 d) 3:2 ✅ **b)**
6. A ratio 5:7 corresponds to values 50 and 70. If first is 100, second is:  
   a) 140 b) 130 c) 150 d) 125 ✅ **a)**
7. Divide $600 in ratio 3:2:1. Middle share =:  
   a) $200 b) $180 c) $240 d) $300 ✅ **a)**
8. There are 2 red, 5 blue balls. Ratio red to blue =:  
   a) 2:5 b) 5:2 c) 2:7 d) 5:7 ✅ **a)**
9. A recipe uses ratio flour:sugar =3:1. If sugar used =200 g, flour =:  
   a) 600 g b) 500 g c) 700 g d) 800 g ✅ **a)**
10. A wheel rotates 8:5, car travels 80 km. If wheel completes 40 rotations, distance =  
    a) 250 km b) 200 km c) 180 km d) 150 km ✅ **b)**
11. Three quantities A:B:C = 2:3:5. If B = 60, A =  
    a) 40 b) 30 c) 20 d) 25 ✅ **a)**
12. A train speed ratio is expressed as 4:5; if first goes 80 km/h, second =  
    a) 100 km/h b) 90 km/h c) 95 km/h d) 85 km/h ✅ **a)**
13. If men:women ratio is 4:6 in a group of 100 people, women =  
    a) 60 b) 40 c) 66 d) 50 ✅ **a)**
14. In ratio 7:3, total is 200. Larger part =  
    a) 140 b) 130 c) 150 d) 160 ✅ **a)**
15. Two quantities in ratio 9:4 total 650; smaller =  
    a) 200 b) 250 c) 150 d) 300 ✅ **a)**
16. A and B are in ratio 5:8. If A = 25, B =  
    a) 40 b) 35 c) 45 d) 50 ✅ **a)**
17. Ratio apples:pears =5:2. If there are 70 fruit, number of pears =  
    a) 20 b) 25 c) 30 d) 15 ✅ **a)**
18. A, B and C in ratio 4:5:6. If total sum = 300, C =  
    a) 100 b) 120 c) 110 d) 130 ✅ **b)**
19. A ratio declines from 6:9 to simplify as:  
    a) 2:3 b) 3:2 c) 4:3 d) 2:5 ✅ **a)**
20. X:Y = 2:7. Combined total is 270. Y =  
    a) 210 b) 180 c) 190 d) 200 ✅ **a)**
21. A, B and C share prize in ratio 3:5:7. B gets $350. Total prize =  
    a) $840 b) $1,050 c) $1,260 d) $1,400 ✅ **c)**
22. Two values ratio 13:17 sum to 300; smaller part =  
    a) 115 b) 130 c) 140 d) 120 ✅ **a)**
23. Car travels 150 km in 3 hrs; bike travels in time ratio 2:5; bike time =  
    a) 7.5 hr b) 6 hr c) 8 hr d) 9 hr ✅ **a)**
24. A ratio can also be written as decimal. For apples:oranges =2:5 equals:  
    a) 0.4 b) 2.5 c) 0.2 d) 5 ✅ **a)**
25. In ratio 2:3:7, if third is 70, total =  
    a) 100 b) 140 c) 120 d) 110 ✅ **b)**
26. A:B = 4:1 and B:C = 2:3. Then A:C =  
    a) 8:3 b) 4:3 c) 8:6 d) 6:3 ✅ **a)**
27. Dogs to cats is 5:7; if there are 84 cats, number of dogs =  
    a) 60 b) 55 c) 65 d) 75 ✅ **a)**
28. If X, Y in ratio 9:16 and difference is 77, smaller =  
    a) 99 b) 44 c) 88 d) 55 ✅ **d)**
29. Ratio price:discount = 10:1 of $220, discount =  
    a) $20 b) $22 c) $21 d) $18 ✅ **b)**
30. Ratio 2:3 scaled gives 14: \_\_\_ → next number =  
    a) 21 b) 18 c) 20 d) 16 ✅ **a)**