



# WBCS PRE 2023



**MATHS**

# RATIO & PROPORTION

নতুনদের এই ভিডিওটি দেখতে হবে

**PART-1**

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04:15 PM | ((•)) **LIVE**







**Q. A: B:C is in the ratio of 3:2:5. Then how much money will C get out of ₹500.**

- (A) 200**
- (B) 250**
- (C) 300**
- (D) 350**

**Q. If  $a:b$  is  $3:4$ ,  $b:c$  is  $2:5$ , find  $a:b:c$ .**

**(A)  $3:4:10$**

**(C)  $3:4:5$**

**(B)  $3:5:2$**

**(D)  $3:2:2$**

**Q. A: B is 1:2, B: C in 3:2, C: D is 1:3. Find A: B: C: D.**

**(A) 3:6:9: 12**

**(B) 3:4:8:10**

**(C) 2:6:8:10**

**(D) 3:6:4:12**

**Q. The ratio of total amount distributed in all the males and females as salary is 6: 5. The ratio of salary of each male and female in 2: 3. Find the ratio of the no. of male and female.**

**(A) 5:9**

**(B) 5:7**

**(C) 7:5**

**(D) 9:5**

**Q. The ratio of income of A and B is 3:4. The ratio of expenditure of both is 2:3 and each saves ₹200, find the income of A and B.**

- (A) ₹ 500, 600**
- (B) ₹ 600, 800**
- (C) ₹ 600, 900**
- (D) ₹ 800, 1000**



**Q. A person cover certain distance by Train, Bus and Car in ratio 4:3:2. The ratio of fair is 1:2:4 per km. The total expenditure as a fair is 720. Then, total expenditure as fair on train.**

- (A) 140**
- (B) 150**
- (C) 160**
- (D) 170**

**Q. The ratio of copper and zinc in a 63 kg alloy is 4: 3. Some amount of copper is extracted from the alloy and the ratio becomes 10:9. How much copper is extracted.**

- (A) 6 kg**
- (B) 8 kg**
- (C) 12 kg**
- (D) 10kg**

**Q. In an alloy, zinc and copper are in the ratio 1 : 2. In the second alloy, the same elements are in the ratio 2 : 3. If these two alloys be mixed to form a new alloy in which two elements are in the ratio 5 : 8, the ratio of these two alloys in the new alloy is:**

- (A) 3 : 10**
- (B) 3 : 7**
- (C) 10 : 3**
- (D) 7 : 3**

**Q. The ratio in which two sugar solutions of the concentrations 15% and 40% are to be mixed to get a solution of concentration 30% is:**

**(A) 2:3**

**(B) 3:2**

**(C) 8:9**

**(D) 9:8**

**Q. The ratio in which two sugar solutions of the concentrations 15% and 40% are to be mixed to get a solution of concentration 30% is:**

- (A) 2:3**
- (B) 3:2**
- (C) 8:9**
- (D) 9:8**

**Q. 300 gm of sugar solution has 40% sugar in it. How much sugar should be added to make it 50% in the solution?**

**(A) 40 gm**

**(B) 50 gm**

**(D) 80 gm**

**(C) 60 gm**

**THANK YOU**