

DATA INTERPRETATION

Passage 1

Three friends, Chand, Chandni, and Chanchal went to a shopping centre. Each of them had ₹2500. In the shopping centre, the session sale discount was 10% on the marked price. Chandni and Chanchal were regular customers so they got 20% each an additional discount on the discounted price but Chand being a new customer didn't get any additional discount. Only Chanchal had a membership card of the shopping centre which gave an additional discount of 25% on the discounted price. They all like Juicers of XYZ brand and they purchased one piece each of that brand. The marked price of each piece was same. In last, when they calculated then they found that Chandni had paid ₹360 more than that of Chanchal.

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| <p>1. If all of them combine the money paid for Juicer then, the total money paid by them for three pieces of the juicers was what percentage of the total marked price of the three juicers?</p> <p>(a) 62% (b) 72%
 (c) 78% (d) 68%</p> <p>2. The amount paid by Chand for the juicer was how much more than that by Chanchal?</p> <p>(a) 45% (b) 50%
 (c) 55.33% (d) 66.67%</p> | <p>3. What is the ratio of the amount paid by Chand to that by Chanchal?</p> <p>(a) 9 : 7 (b) 3 : 2
 (c) 6 : 5 (d) 5 : 3</p> <p>4. How much money was left with Chand after purchasing the juicer?</p> <p>(a) ₹900 (b) ₹500
 (c) ₹700 (d) ₹750</p> <p>5. What was the marked price of the juicer?</p> <p>(a) ₹1800 (b) ₹2400
 (c) ₹2000 (d) ₹2150</p> |
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Passage 2

In a dance class there are a total of 538 students who take admission to learn Salsa and Hip-hop dance. Each student learns single dance form only. Boys who learn Salsa dance is 70% of girls who learn Salsa dance. Girls who learn Hip-hop is 20 more than boys who learn Hip-hop dance. Girls who learn Salsa dance is same as Boys who learn Hip-hop dance.

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| <p>6. What is the difference between number of boys and girls who took admission to learn Salsa dance?</p> <p>(a) 34 (b) 42
 (c) 56 (d) 66</p> <p>7. How many students took admission in Hip-hop dance?</p> <p>(a) 240 (b) 320
 (c) 300 (d) 480</p> <p>8. The number of boys who took admission in Salsa is what percent of the total number of students who took admission in Hip-hop dance?</p> <p>(a) 32.66% (b) 36.66%
 (c) 34.66% (d) 33.66%</p> | <p>9. If 100 new students took admission in Salsa dance, then how many new boys took admission in Salsa, so that the ratio of boys to girls in Salsa becomes 89 : 80?</p> <p>(a) 89 (b) 70
 (c) 98 (d) 80</p> <p>10. If the number of girls in the Hip-hop is increased by 10% then by what percent the number of girls in Salsa should be decreased so that the total number of students i.e., 538 remains same?</p> <p>(a) 15.24%
 (b) 18.33%
 (c) 13.34%
 (d) 11.43%</p> |
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Passage 3

There are 5600 students in KIIT University in the academic year 2017. The ratio of the boys to the girls in the University is 4 : 3. All the students are enrolled in different extra-curricular activities (Singing, Dancing, Debating, Painting and Athletics) and one student is enrolled in only one extra-curricular activity. The number of boys enrolled in the Painting is 612. The ratio of the number of boys who enrolled in Singing to the number of boys who enrolled in Dancing is 72: 89. 32% of the students are enrolled in Athletics. The number of boys enrolled in Debating is 12.5% to the total number of boys. The number of girls enrolled in Athletics is 570 which is 150 less than the number of girls enrolled in Dancing. The number of girls enrolled in Singing is 186 more than the number of boys enrolled in the same activity. The total number of students enrolled in Painting is 816.

11. The difference in the number of boys and girls who are enrolled in Painting is what percentage of the total number of students who are enrolled in Debating?
- (a) 45% (b) 59%
(c) 65% (d) 55%
12. Find the percentage of students of the university who are enrolled in Singing.
- (a) 14% (b) 24%
(c) 22.25% (d) 18.75%
13. Find the ratio of the number of boys enrolled in Dancing to the number of girls enrolled in the same activity.
- (a) 7 : 11 (b) 117 : 139
(c) 89 : 120 (d) 57 : 71
14. The total number of girls in Athletics is what percentage of the total number of students in Athletics?
- (a) 22% (b) 28%
(c) 32% (d) 39%
15. Find the number of girls who are enrolled in Debating.
- (a) 304
(b) 288
(c) 324
(d) 372