



ST. FRANCIS DE SALES COLLEGE

A FRANSALIAN INSTITUTE OF HIGHER EDUCATION **AUTONOMOUS**

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UNIT TEST – AUGUST 2024

COMMERCE - I SEMESTER B.COM

COM 1.4: BUSINESS QUANTITATIVE ANALYSIS

Time: 1 Hour

Max. Marks: 20

Instruction: Answer should be written completely in English

SECTION-A

Answer **any five** questions. Each question carries **two** marks.

(5X2=10)

1. Divide Rs. 981 in the ratio 5: 4.
2. Find the fourth proportion of 48, 36 and 4
3. A train travels 200 km in 5 hours. How much time it will take to cover 600 km?
4. Find the value of x, 32:8::12:x
5. 15% of 300 oranges are bad. How many oranges are bad?
6. Solve, 70% of 320 + 45% of 240

SECTION-B

Answer **any two** questions. Each question carries **five** marks.

(2X5=10)

7. 8 men or 16 boys can do a work in 39 days. In how many days will 4 men and 18 boys do it?
8. The list price of an article is Rs 15000. The producer offers 20% trade discount to the customer. A cash discount of 2% is offered for immediate payment. Assuming that the customer makes immediate payment for the purchase. Compute the selling price.
9. If $10(x-4)-15(x-3) = 3(3 + x)-20$, find x?