



# ST. FRANCIS DE SALES COLLEGE

A FRANSALIAN INSTITUTE OF HIGHER EDUCATION **AUTONOMOUS**

NAAC ACCREDITED • BANGALORE UNIVERSITY • AICTE APPROVED • RECOGNISED UNDER SECTION 2(F) & 12 (B) OF THE UGC ACT • ISO 9001:2015 CERTIFIED

📍 Electronics City P.O., BENGALURU - 560 100, Karnataka, INDIA ☎ (+91) 8088140679 ✉ pro@sfscollge.in 🌐 www.sfscollge.in

## 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?