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No.:

G. VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS), KOVILPATTI – 628 502.**UG DEGREE END SEMESTER EXAMINATIONS - APRIL 2025.**

(For those admitted in June 2023 and later)

PROGRAMME AND BRANCH: B.Sc., INFORMATION TECHNOLOGY

SEM	CATEGORY	COMPONENT	COURSE CODE	COURSE TITLE
IV	PART -IV	SEC - 5	U23IT4S3	QUANTITATIVE APTITUDE

Date & Session: 06.05.2025/AN**Time: 2 hours****Maximum: 50 Marks**

Bloom's K-level	Q. No.	<p align="center">SECTION – A (5 X 10= 50 Marks) Answer <u>ALL</u> Questions choosing either (a) or (b).</p>
K3	1.	<p>Find the L.C.M. of (a) 87 and 145 (b) 72, 108 and 2100 (OR) The traffic lights at three different signal points change after every 45 seconds, 75 seconds and 90 seconds respectively. If all change simultaneously at 7: 20: 15 hours, then they will change again simultaneously at.</p>
K4	2.	<p>Arrange the fractions $\frac{3}{5}$, $\frac{4}{7}$, $\frac{8}{9}$ and $\frac{9}{11}$ in their ascending order. (OR) The total number of students in a College is 2140. If the number of girls in the college is 1200, then what is the ratio of the total number of boys to the total number of girls in the college?</p>
K5	3.	<p>Mr. Udhaya purchased a for Mobile phone 12000 and sold it for 15000. What was the profit percentage? (OR) In an examination Sujit scores a total of 626 marks out of 850. What is his approximate percentage in the examination?</p>
K3	4.	<p>A man buys 2 dozen apples at RS.16 per dozen. After selling 18 apples at the rate of RS.12 per dozen, the shopkeeper reduced the rate to RS.4 per dozen. The percent loss is (OR) Ravi can complete a piece of work in 16 days. Kumar can complete the same piece of work in 8 days. If both of them work together in how many days can they complete the same piece of work?</p>
K4	5.	<p>Find the H.C.F. and L.C.M. of 0.63, 1.05 and 2.1. (OR) The difference between the local value and the face value of 7 in the numeral 32675149 is</p>

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