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RAISONI

G H Raison College of Engineering and Management, Pune

(An Empowered Autonomous Institute affiliated to Savitribai Phule, Pune University, NAAC Accredited "A+" Grade)

First Year B. Tech.

CAE I / Term II / AY 2025-26 (2023 Pattern)

Indian Knowledge System (23UHSL1202)

(Time: - 01 Hour)

(Max. Marks : 20)

Instructions to the students:

- i) All questions are compulsory.
- ii) Calculator is not allowed
- iii) Figures to the right indicate full marks.

Question No	Question	Marks	CO	BL
Q.1 a)	Perform addition by Vedic Maths Method. 1) 23561 to 23570 (Consecutive No) 2) -58962 to -58971 (Consecutive No) 3) 1 st 225 Odd No. 4) 1 st 263 Even No. 5) 1 st 435 Even No.	5	CO1	L2
Q.1 b)	Perform Addition by Dashkam Method. 1) $326594 + 35698 + 987545 + 987456$ 2) $458769 + 12589 + 897865 + 569871$ 3) $635987 + 87456 + 35987 + 45687$ 4) $895746 + 69358 + 56894 + 987456$ 5) $53698 + 56987 + 25369 + 356987$	5	CO1	L2
Q.1 c)	Perform Substraction by Vinculum Method. 1) $63014 - 55842$ 2) $875214 - 625719$ 3) $812954 - 625749$ 4) $58962 - 49984$ 5) $532146 - 256035$	5	CO1	L3
Q.1 d)	Perform Substraction by Base Method. 1) $85479 - 32188$ 2) $658974 - 56984$ 3) $864231 - 9867$ 4) $589736 - 65321$ 5) $478524 - 202027$	5	CO1	L3
Q.2 a)	Perform Multiplication by Base Method (Any ?) 1) $735 * 789$ 2) $2019 * 2116$ 3) $887 * 835$	5	CO2	L2

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- or*
- Q.2 b) Perform Multiplication by Vedic Maths Method 5 CO2 L2
- 1) $65425 * 250$
 - 2) $5689 * 50$
 - 3) $3695 * 9999$
 - 4) $3568 * 500$
 - 5) $9863 * 125$
- Q.2 c) Perform Division by Vedic Maths Method 5 CO2 L2
- 1) $2569 / 25$
 - 2) $98746 / 500$
 - 3) $36897 / 125$
 - 4) $64123 / 50$
 - 5) $45298 / 250$
- or*
- Q.2 d) Perform Division by 11(Vedic Maths Method) 5 CO2 L2
- 1) $5239 / 11$
 - 2) $63528 / 11$
 - 3) $98745 / 11$
 - 4) $36547 / 11$
 - 5) $98756 / 11$