DATE: Unitary Method Assignment PartA 4a) If the cost of 25 books is Rs. 5000, what is the cost of 7 such books? Soln Here Books Cost Rs.5000 25 We have, 25 books cost Rs.5000 or, I book cost Rs. 5000 . 7 books cost Rs. 5000 7 =Rs.1400 . The cost of 7 books is Rs. 1400. b) What is the cost of 9 kgs of super it a

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|---|--|---|
|   | ,  |   |
|   | quintal of sugar costs Rs.10,500?                                |   |
| -25   | Soln   |   |
|   | Here   |   |
|   | Sugar(kg) (ost $19. = 100 \text{kg}$ . $Rs.10,500$ $9 \text{kg}$ | To garage and a second |
|   | 19. = 100kg. RS.10,500   |   |
|   | 9kg ?  |   |
|   | We have  | ~   |
|   | or, I kg costs Rs.10,500   |   |
|   | or, 1 kg costs Rs. 10,500  |   |
|   | 100  |   |
|   | 9 kg. costs Rs. 10,500 x 9 - R                                   | 5.945   |
|   | 190  | 1   |
|   | The cost of 9kg sugar is 1                                       | 25.945.   |
| e)  | 17 3 dozens of bananas cost Rs.195                               | hou)  |
| - 4   | much do 18 bananas cost?   |   |
|   | Som  | 12  |
|   | Mere   | (36)  |
|   | Bananas Cost   |   |
|   | 3dozens=12x3=36 Rs.195   |   |
|   | 18   |   |
|   | Now,   |   |
|   |  |   |
|   |  |   |

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|    |  | 7      |
|    | 36 bananas cost Rs. 195.<br>1- banana cost Rs. 195<br>36 |        |
|    | : 18 bananas 10st. Rs.195 x 18                           |        |
|    | = Rs.97.5<br>The cost of 18 bananas is Rs.97.5.          |        |
| d) | What is the cost of 12 bags it 5 bags cost               |        |
| 3) | Rs-6008?   |        |
| -  | Som  |        |
|    | Ylere,   |        |
|    | Bags (ost 5 bags Rs.6000 12 bags ? We have               | 1      |
|    | 5 bags RS. 6000  |        |
|    | 12 bags  |        |
|    | TO TIME  |        |
|    | 5 bags cost Rs.6000                                      |        |
|    | 1 bag cost Rs.6000                                       |        |
|    | :. 12 bags cost=Rs.6000 x 12 = Rs.14,40                  | <br>D: |
|    | . The cost of 12 bags is Rs. 14400.                      |        |
|    |  |        |

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|  |  |
| 56) By selling 45 packets of biscuits Ramita makes a probit of Rs.90. How much would she gain by selling 360 such packets? |  |
| makes a pr 1 b 1 p acrets biscuits Ramita  |  |
| plost of Ks.90. How much would   |  |
| she gain by selling 360 such packets?  |  |
|  |  |
| -> Solu  |  |
| Nere   |  |
| 0 11:  |  |
| Dy selling 45 packets, Ramita  |  |
| made a profit of Rc. 90.   |  |
| By selling 45 packets, Ramita<br>made a protit of Rs. 90<br>By selling I packet, Ramitga made                              |  |
| a or 1 in comitga made   |  |
| Profit 08 20   |  |
| 45   |  |
| a profit of -90×360 = Rs.720   |  |
| a profit of - 90, 300 - Rs. 720  |  |
| 45   |  |
|  |  |
|  |  |
| Ramita woov]d gain Ps.720 by   |  |
| selling 360 packets.   |  |
|  |  |
| 56) A shopkeeper extreamed a profit of   |  |
| De 250 L " carreamed a profit of   |  |
| 185.2500 by selling 20 t-shirts. How much proto  |  |
| would the shopkeeper make he selling   |  |
| Rs. 2500 by selling 20 t-shirts. How much probit would the shopkeeper make by selling 27 t-shirts?                         |  |
|  |  |
|  |  |
|  |  |
|  |  |

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| -) | Sol?<br>Mere   |
|    | -By selling 201->hire, a shupreeper                                |
|    | - By selling 1 T-shirt, a shopkeeper<br>earned = Rs.2500.          |
|    |  |
|    | By selling 27 T-shirt, a shopkeeper earned Rs 2500 x 27 - Rs. 3375 |
|    | The shopkeeper would make Rs. 3375 profit by selling 27 t-shirts.  |
|    |  |
|    |  |
|    | · To there will prove the second of the                            |
|    |  |
|    |  |
|    |  |