



# National College of Science and Technology

HoMe ExLoDer:

Hospital and Medical Expert Location Finder



Fullname: Earl Francis L. Tayo

Age: 21

Allergies: Dust

Height in cm: 250

Weight in Kg: 65.0

BACUNAWA, MARK KERON S.  
BSCOE 41-E1  
QUIZ 1 - PRE-FINALS

1) THE LA SALLE COMPANY HAS DECIDED TO PURCHASE A NEW BUS FOR 95,000 USD. THE NEW BUS WILL BE KEPT FOR 9 YEARS BEFORE BEING SOLD. ITS ESTIMATED SV AT THAT TIME IS EXPECTED TO BE SOLD. ITS ESTIMATED SV AT THAT TIME IS EXPECTED TO BE 5,000 USD. LIST THE INFORMATION (TABLE FORM) FOR 9 YEARS USING DB METHOD USE 200% DB.

- B = \$95,000
- CLASS LIFE - 9 YEARS
- GDS RECOVERY PERIOD - 5 YEARS FOR BUSES

200% DECLINING BALANCE METHOD

$$d_1 = \$95,000 \left(\frac{2}{9}\right)$$
$$d_1 = \$21,111$$
$$d_4 = \$95,000 \left(1 - \frac{2}{9}\right)^3 \left(\frac{2}{9}\right) = \$9,933$$
$$d_4 = \$95,000 \left(1 - \left(1 - \frac{2}{9}\right)^4\right) = \$60,235$$
$$BV_4 = \$95,000 \left(1 - \frac{2}{9}\right)^4$$
$$= \$95,000 - \$60,235$$
$$BV_4 = \$34,765$$




