3CD Mathematics Specialist WACE Revision

**Matrices**

Questions are taken from VCE Secondary Papers

**2009**



 







 





 **Answers**

2. a. 35 and 2

 b.

3. a. 500

 b. i. 25%

 ii. 5%

 iii. 206

 c. d.

![Machine generated alternative text: r51 r085 025]r951 151 11001 L =TxL2 [7j    o.75j[97j L] [so rg5 0.251r1001 51 rico] :.L3=TxL,  L3=[015 o3sjLsojL7j=L68j]()4. a.

b.

**2008**





 

















 



 **Answers**

1. a. 1 x 5

b. i.

ii.

![Machine generated alternative text: r4601 [110 951L360J = [s4soo]]()

![Machine generated alternative text: BC [110 95]]()c. i. ii.

![Machine generated alternative text: 421 10.9 0.2]4F5401 E421.46 S =T4S 1o.i o.sj [36 j = 15454]()2. a. i.  ii.

b.

 c. Lecture 8

 d.

3. a. ![Machine generated alternative text: r3j [2j o  r4561 rig] Oms !0r5 0.68] [350] [12]]()

b.

4.

**2007**



![Machine generated alternative text: b. A and B are two mainces defined as follows. A=[2 2 1 1] L Evaluate the matrix product AB. 531 41 8= 534 212]()





















**Answers**

1. a. b. i. [1890]

ii. 4 x 4

iii.

  c.

2. a. 700 b. 0.5

c. i. ii. 280 iii. 56



 iv. 7 weeks v.



 d. i.

 ii.

**2006**







 









**Answers**



2. a. b.



c.

 d.



![Machine generated alternative text: 2 1 lTx] fl2 —1 1 1y—I 1 10 2 —‘Ij [6]()3. a. b.

c. d.