

SAQ 7

You receive a Priority One call from the ambulance service. A 6 month old baby has been found unresponsive by his mother. CPR is in progress. ETA 5 minutes.

a. Calculate the child's weight and show the formula used (2 Marks)

1 Mark for:

- $Weight (kg) = (Age\ in\ months / 2) + 4$

1 Mark for:

- 7 kg

Using APLS 5th Edition formula

b. Complete the following table (4 marks)

1/2 Mark for each completed box

	Dose calculation - show unit/kg	Dose to be given - show units
Adrenaline	10 mcg/kg or 0.1 ml/kg of 1:10000	70 mcg or 0.7 ml of 1:10000
Cardioversion - unsynchronised	4 J/kg	28J
Fluid bolus	20 ml/kg	140 ml
Dextrose	2 ml/kg of 10% dextrose	14 ml

c. The resuscitation of the child was unsuccessful. List your 4 management priorities following this incident. (4 Marks)

1Mark each for:

- Coronial notification
- Family support - pastoral care, social work, nurse support nomination

1 Mark each up to 2 marks from:

- Debrief staff
- Complete relevant documentation - clinical notes, Death in Hospital form etc.
- Ensure function of rest of department
- Preserve coronial evidence e.g. leave ETT in situ, collect drug ampoules

Answers taken from Kids Health WA Paediatric Acute Care Guidelines.