OSCE Code NC01

NVQ Level 3 National Occupational Standard Ref: VetN 7.1, 7.2

Level 3 Diploma in Veterinary Nursing Ref: VN 4.3, VN 7.3, SAVN 13.2

This OSCE will be used to assess the awards indicated

Award	Award Reference	Pathway	
NVQ Level 3	100/6216/6	Small Animal	✓
NVQ Level 3	100/6216/6	Equine	✓
Level 3 Diploma in Veterinary Nursing	500/9872/X	Small Animal	✓
Level 3 Diploma in Veterinary Nursing	500/9872/X	Eqine	✓
Level 3 Diploma in Veterinary Nursing	500/9872/X	Small Animal (Transitional)	✓
Level 3 Diploma in Veterinary Nursing	500/9872/X	Equine (Transitional)	✓

The veterinary surgeon decides that a patient requires administration of intravenous crystalloid fluids via the jugular vein, over a period of x hours.

Set up an infusion using the fluid and giving set provided.

For this patient you are required to calculate:

       a.   The total daily maintenance

       b.   ml per hour

       c.   The fluid administration rate (Drops per minute or frequency of drops)

Show all your workings including units

Maintenance rate calculations: x mls/kg/day

Drip factor: x drops/ml

Methodology: you will be expected to:	
1.	Remove administration set from packaging
2.	Turn off regulator
3.	Hang fluid bag on drip stand
4.	Remove protective tag from the administration port
5.	Insert administration set into fluid bag using an aseptic technique
6.	Squeeze chamber approximately a ⅓ to ¾ full
7.	Release regulator to fill drip line
8.	Close regulator
9.	No significant air bubbles left within the drip line
10.	Minimal wastage of fluid
11.	Aseptic technique maintained
12.	Daily maintenance requirement calculation correct
13.	ml per hour calculation correct
14.	Fluid administration rate correct (drops/min or frequency of drops)
15.	Correct units of measurement used for final answer