

## SAQ 9

List 4 indications for endotracheal intubation (4 marks)

- To create and airway
- To maintain an airway
- To protect an airway
- To provide for mechanical ventilation

From Cameron, Textbook Adult Emergency Medicine 2009, p 20

List 2 indications for non-invasive ventilation (1 mark – 0.5 each)

- Acute pulmonary oedema
- Respiratory failure (will accept COPD as alternative)

Cameron, p21

List 4 contra-indications to NIV (2 marks – 0.5 each)

- Coma
- Combative patient
- Inability to tolerate tight-fitting mask
- Lack of trained staff to institute and monitor NIV

What is the mechanism of action of NIV? (3 marks)

- Controlled FiO<sub>2</sub> at set positive pressure –
- Recruits alveoli that were closed improving VQ match
- Increases pulmonary compliance, decreasing work of breathing