MCQ's: INFUSION PUMP

1. The following are types of positive displacement pumps EXCEPT:
   a) Drip rate pumps
   b) Volumetric pumps
   c) Drip rate regulator
   d) Syringe pumps

2. The advantages of volumetric pumps are all EXCEPT:
   a) They can calculate the volume of fluid with the microprocessor based calculations
   b) It can function on mains and on rechargeable batteries
   c) The IV tubings required are of a standard calibre and are expensive
   d) They alert the user if bubbles appear in the tube

3. The disadvantages of gravity controlled devices include the following EXCEPT:
   a) They do not generate sufficient driving force needed for arterial lines
   b) Expensive and difficult to procure
   c) Tight control of inotropes is not possible
   d) Administration of small volume infusions in neonates is difficult

4. The specifications of syringe pumps include the following EXCEPT:
   a) Inbuilt microprocessor controlled motor capable of accurate propulsion
   b) A display panel for alarm/error messages, infused volume and infusion rate
   c) Infusion rates permissible range 1ml/hr to 10 ml/hr
   d) Capable of functioning on mains and rechargeable batteries

5. Which of the following buttons can be used to give a bolus dose of a drug in a syringe pump?
   a) Pre-fill
   b) Prime
   c) Quick feed button
   d) Standby

6. Occlusion detection test and flow rate test should be performed
   a) Monthly
   b) Weekly
   c) Daily
   d) Bimonthly