

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