



SNS COLLEGE OF ALLIED HEALTH SCIENCES
SNS Kalvi Nagar, Coimbatore - 35
Affiliated to Dr MGR Medical University, Chennai



DEPARTMENT OF CARDIO PULMONARY PERFUSION CARE
TECHNOLOGY

COURSE NAME : PRINCIPLES OF PERFUSION 1

2ND YEAR

TOPIC : BLOOD PUMPS QUESTION BANK



10 MARKS



1. Describe in detail about the ideals of Pump and explain principles of roller pump in detail.



5 MARKS



1. What are the effects of preload and after load on centrifugal pump flow?
2. How does a roller pump play role in cardiopulmonary bypass?
3. Differentiate between Roller pump and centrifugal Pump
4. Write a note on Centrifugal Pump with diagram and mention its advantage over Roller pump
5. Write a note on different types of Pumps used in Cardio Pulmonary Bypass.



3 MARKS



1. What is bellow pump?
2. Roller pumps.
3. Rotary pumps
4. Occlusion settings
5. How does centrifugal pump differ from roller pump?
6. How to you check Occlusion in Roller pump?



THANK YOU