

[Time: 3 Hours]**[Max. Marks: 100]****CARDIO VASCULAR ANAESTHESIA - PAPER – II****QP Code: 4174**

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

Answer All The Questions**10 X 10 = 100 Marks**

1. Discuss in brief, assessment of fluid responsiveness
2. Discuss Transcatheter valve implantation procedures and role of anesthesiologists
3. Discuss the use of Flo-trac in cardiac anaesthesia
4. What are the special features of extracorporeal circulation in infants and children?
5. Evaluation of diastolic dysfunction implication for anaesthesia
6. What is patient prosthesis mismatch?
7. How do you quantify mitral regurgitation and what the mitral valve repair techniques?
8. Discuss anaesthesia for implantation of left ventricular assist device
9. What are the indications for veno-venous ECMO? Discuss management of VV-ECMO
10. Write a brief note on lung-ultrasound and its usefulness in cardiac intensive care
