

**D.M. (SUPER SPECIALITY)**  
**D.M. CRITICAL CARE :SUMMER- 2022**  
**SUBJECT : PAPER – III : CRITICAL CARE MONITORING AND SPECIALITY**  
**CRITICAL CARE MEDICINE**

Day : Monday

Time : 01:00 PM-04:00 PM

Date : 5/9/2022

**S-20296-2022**

Max. Marks : 100

**N.B.**

- 1) All questions are **COMPULSORY**.
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**Long questions (15 mark each)**

- 1 Describe the principles of Invasive and Noninvasive methods of cardiac output monitoring in ICU.
- 2 A 70 year old female is readmitted to the ICU on the second postoperative day after Total Oesophagectomy, with breathlessness, left sided chest pain and hypotension. Discuss differential diagnosis, specific investigations and management options for this patient.

**Write notes on : (10 marks each)**

- 1 Auto PEEP
- 2 P(v-a) CO<sub>2</sub> gap
- 3 Halo and Reverse Halo sign
- 4 SLEDD
- 5 Partial parenteral nutrition
- 6 Managing gram negative outbreak in ICU
- 7 Early infections in a renal transplant recipient

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