

**D.A. (Anaesthesia) : SUMMER - 2019**  
**SUBJECT: PAPER – III: MEDICINE AND SURGERY AS APPLIED TO**  
**ANAESTHESIOLOGY INCLUDING SUPERSPECIALITY AND RECENT ADVANCES**

Day: Thursday  
Date: 06/06/2019

**S-2019-3869**

Time: 2.00 P.M. TO 5.00 P.M  
Max. Marks: 100

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**N.B.:**

- 1) Draw diagrams **WHEREVER** necessary.
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**Long Questions:**

- Q.1** A 65 yrs male with B.P 180/ 100 mm of Hg having bilateral rhonchi posted (15)  
for TURP. Discuss perioperative management and complications during  
anaesthesia.
- Q.2** Classify pregnancy induced hypertension. Describe pathophysiological (15)  
changes in it.

**Semi –Long Questions: (Answer any SEVEN) ( 10 Marks each)**

- Q.3** Discuss anaesthetic considerations in myxedema patient.
- Q.4** Role of Nitrous oxide in modern day anaesthesia.
- Q.5** Discuss anaesthetic considerations in patients undergoing Liposuction.
- Q.6** Describe ventilation strategies in ARDS (Acute respiratory distress  
syndrome) patient.
- Q.7** Discuss anaesthesia concerns in a patient with obstructive sleep apnea.
- Q.8** Discuss anaesthesia management in preterm 2 days neonate posted for  
congenital diaphragmatic hernia.
- Q.9** Importance of bispectral index monitoring.
- Q.10** Describe mechanism of action - sugammadex.

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