

**D.A. (ANAESTHESIA) : SUMMER - 2018**

**SUBJECT: PAPER- I: BASIC SCIENCES AND PRINCIPLES AS APPLIED TO  
ANAESTHESIOLOGY**

Day: **Saturday**  
Date: **02/06/2018**

**S-2018-3453**

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

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**N.B.:**

- 1) Draw neat and labelled diagrams **WHEREVER** necessary.
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**Q.1** Describe applied anatomy of upper airway. How will you evaluate patients airway preoperatively? (15)

**Q.2** Discuss physiological changes in normal pregnancy and its implications in anaesthesia. (15)

Attempt any **SEVEN** of the following:

**Q.3** Oxygen dissociation curve. (10)

**Q.4** Dual block. (10)

**Q.5** Discuss functional analysis of Magill's circuit. (10)

**Q.6** Write a note on 'dead space'. (10)

**Q.7** Enumerate causes of perioperative hypotension. (10)

**Q.8** John snow. (10)

**Q.9** Preoperative concerns in an oncology patients. (10)

**Q.10** Importance of Liver function test in anaesthesia. (10)

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