

M.D. (Anaesthesiology) : WINTER - 2018
SUBJECT : PAPER – I : BASIC SCIENCES & PRINCIPLES AS APPLIED TO
ANAESTHESIOLOGY

Day : Saturday
Date : 01/12/2018

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

W-2018-3515

N.B.

- 1) Draw neat and labeled diagram wherever necessary.
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Long Questions:

- Q.1** Draw a diagram and describe conduction system of heart. What are the various types of conduction blocks you encounter in perioperative period? **(15)**
- Q.2** Discuss the interaction between anaesthetic drugs and psychotropic drugs and risk involved in the management of anaesthesia in a patient who are on these drugs. **(15)**

Short-Long Questions (answer any seven)

- Q.3** Paediatric anaesthesia breathing system. **(10)**
- Q.4** Physiological changes of high altitude. **(10)**
- Q.5** Discuss in brief health hazards faced by operating room personal. **(10)**
- Q.6** Discuss preoperative evaluation of a patient with end stage renal disease. **(10)**
- Q.7** Dual block. **(10)**
- Q.8** Oxford miniature vaporizer. **(10)**
- Q.9** Ralph waters. **(10)**
- Q.10** Application of venturi principle in anaesthesia. **(10)**

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