

**M.D. DEGREE EXAMINATION**  
**BRANCH X – ANAESTHESIOLOGY**  
**PAPER II – MEDICINE APPLIED TO ANAESTHESIOLOGY**

*Q.P. Code :202039*

**Time : Three Hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Mention the endorgan damages caused by long standing hypertension.  
Discuss the mechanism of action of Antihypertensive drugs.
2. Give an account of the clinical picture of Grave's disease.  
Discuss the pre-operative preparation for an elective procedure?  
How will you manage Thyroid storm?

**II. Write notes on:**

**(10 x 7 = 70)**

1. Foetal circulation.
2. Fibrinolytic agents.
3. Hepato renal syndrome.
4. Vocal cord polyp – Laser ablation.
5. Bispectral index monitoring.
6. TET SPELL.
7. Neurohumoral response to pneumoperitoneum.
8. Flow volume loops in airway obstruction.
9. Obstructive sleep apnoea.
10. Hypokalemic periodic paralysis.

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